

FIGURE 1

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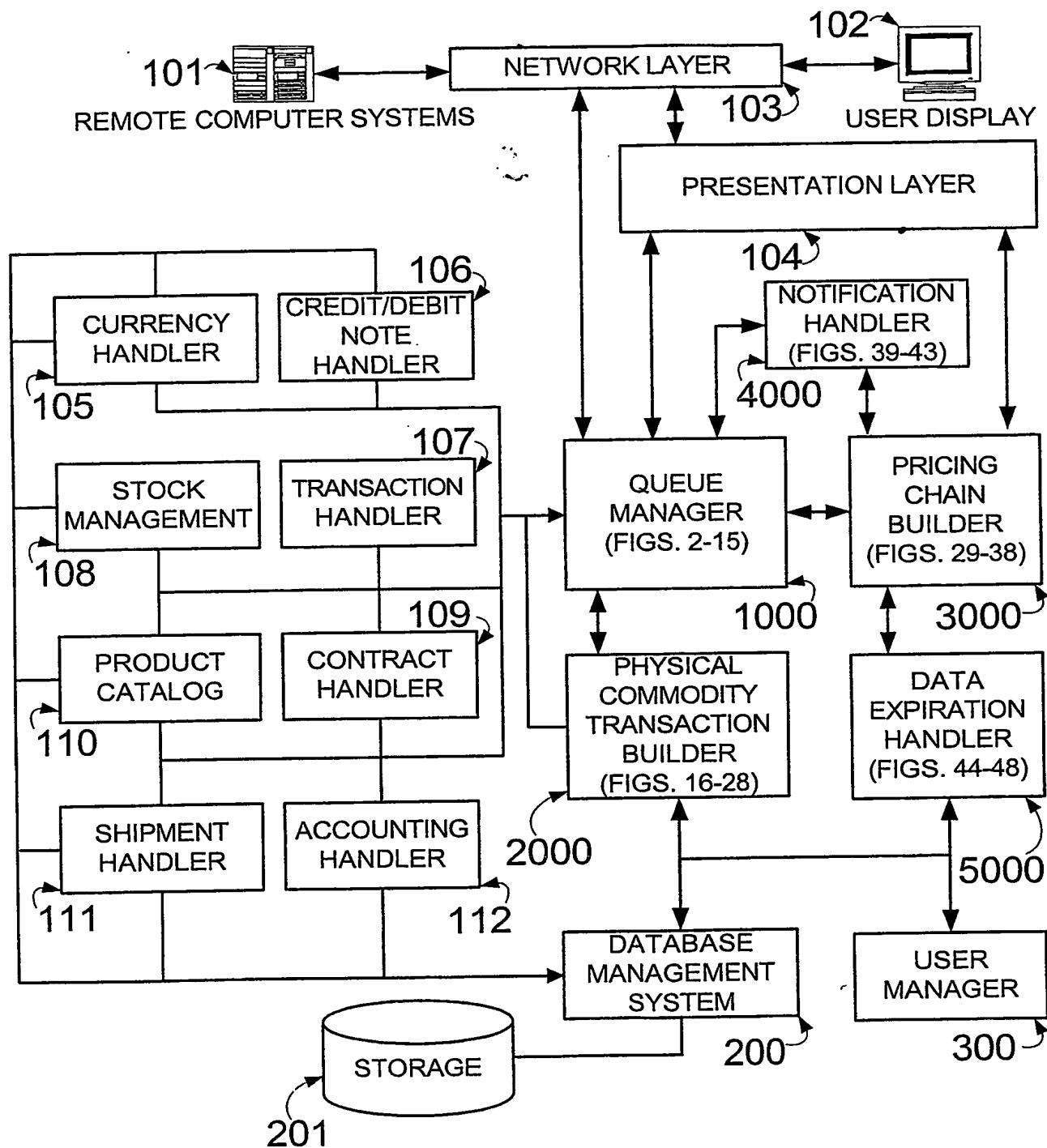


FIGURE 2

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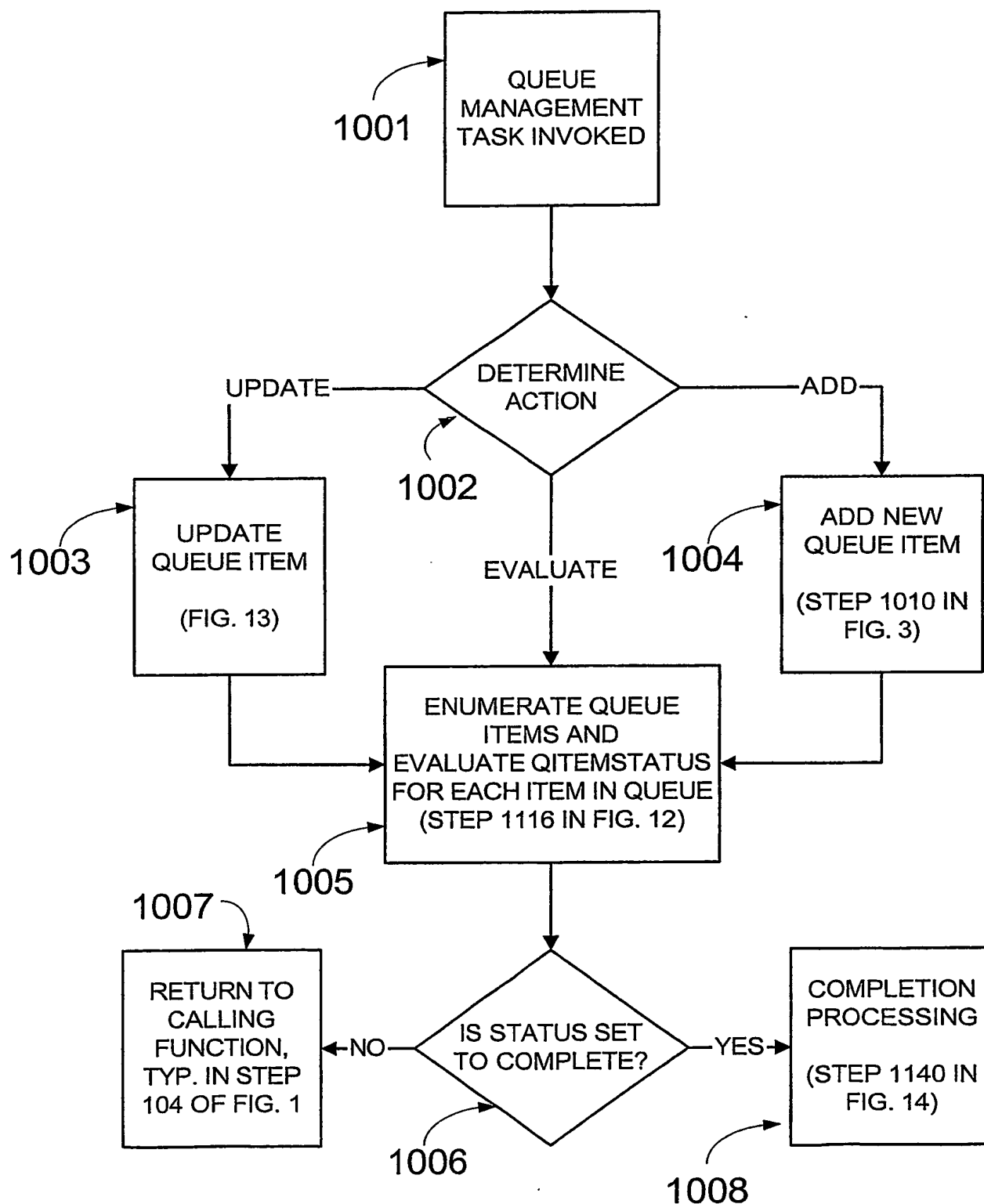


FIGURE 3

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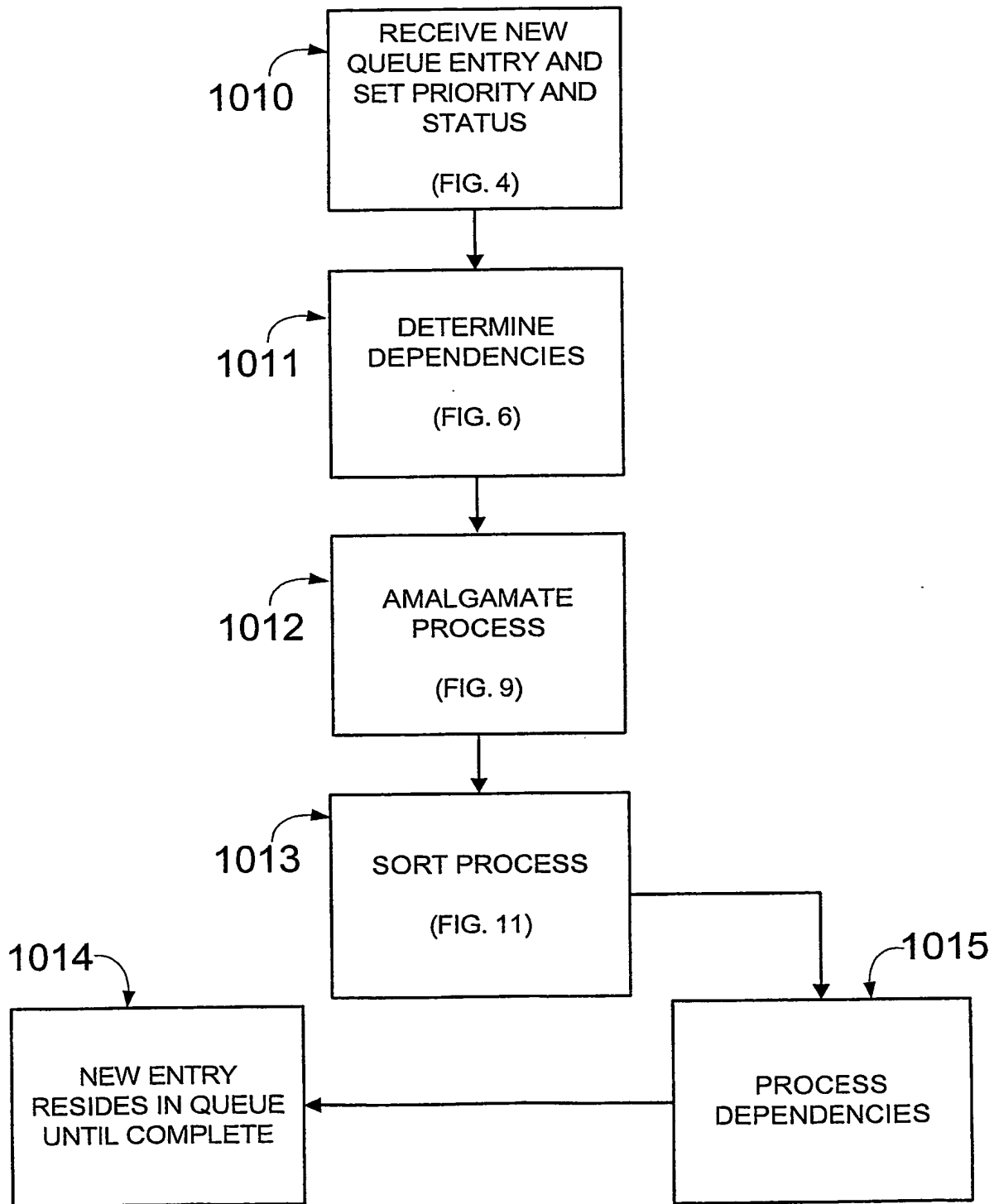


FIGURE 4

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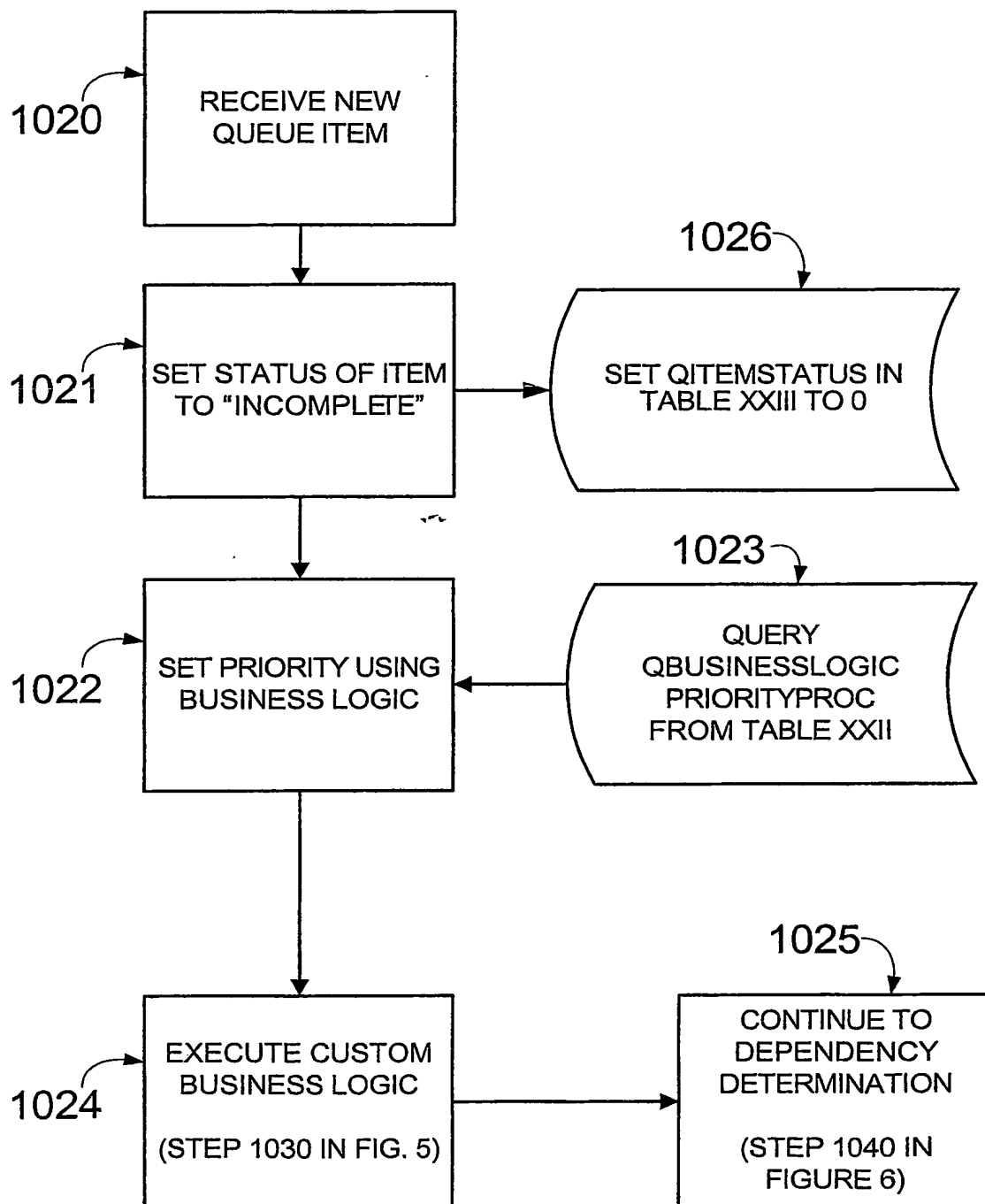


FIGURE 5

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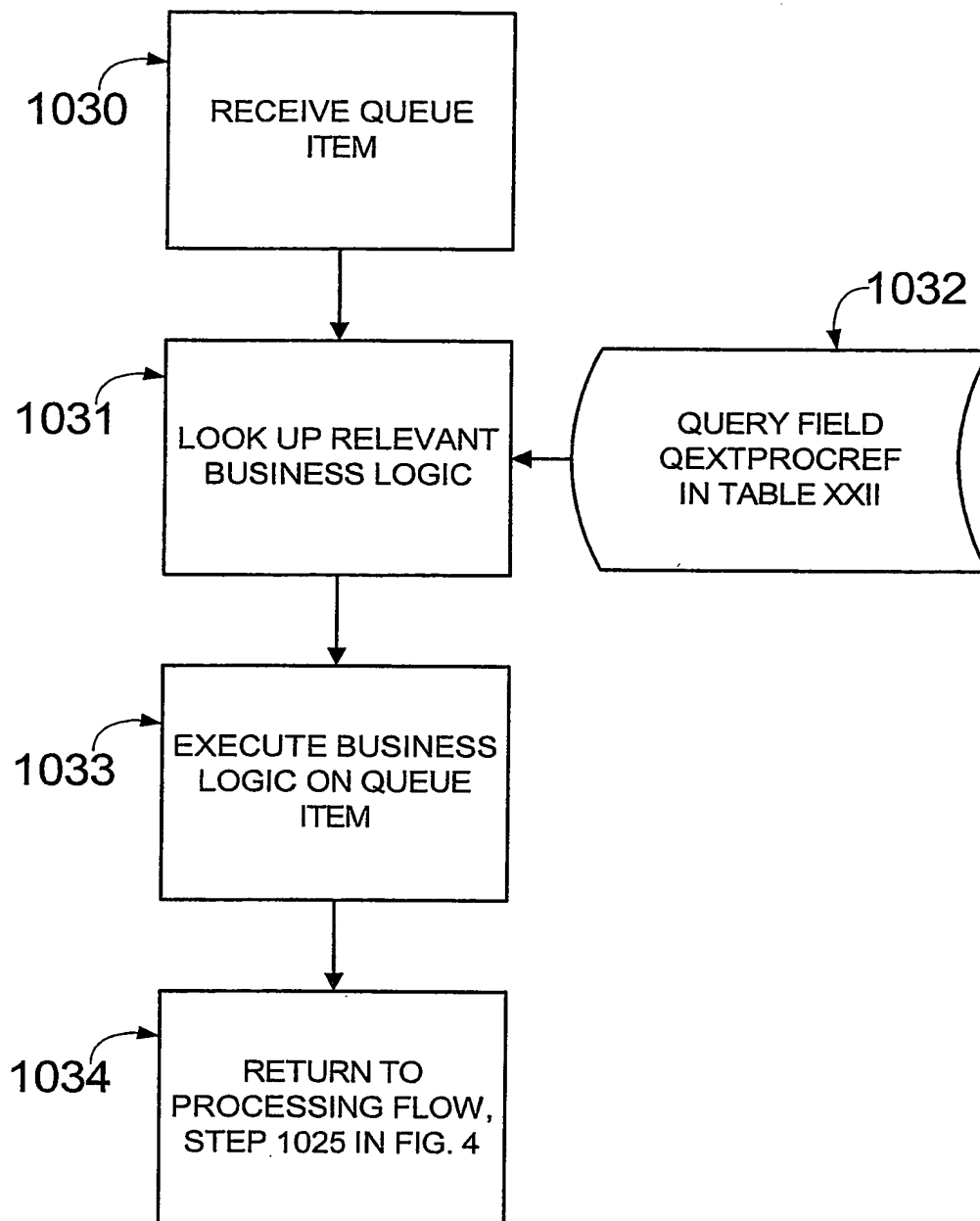


FIGURE 6 6/72

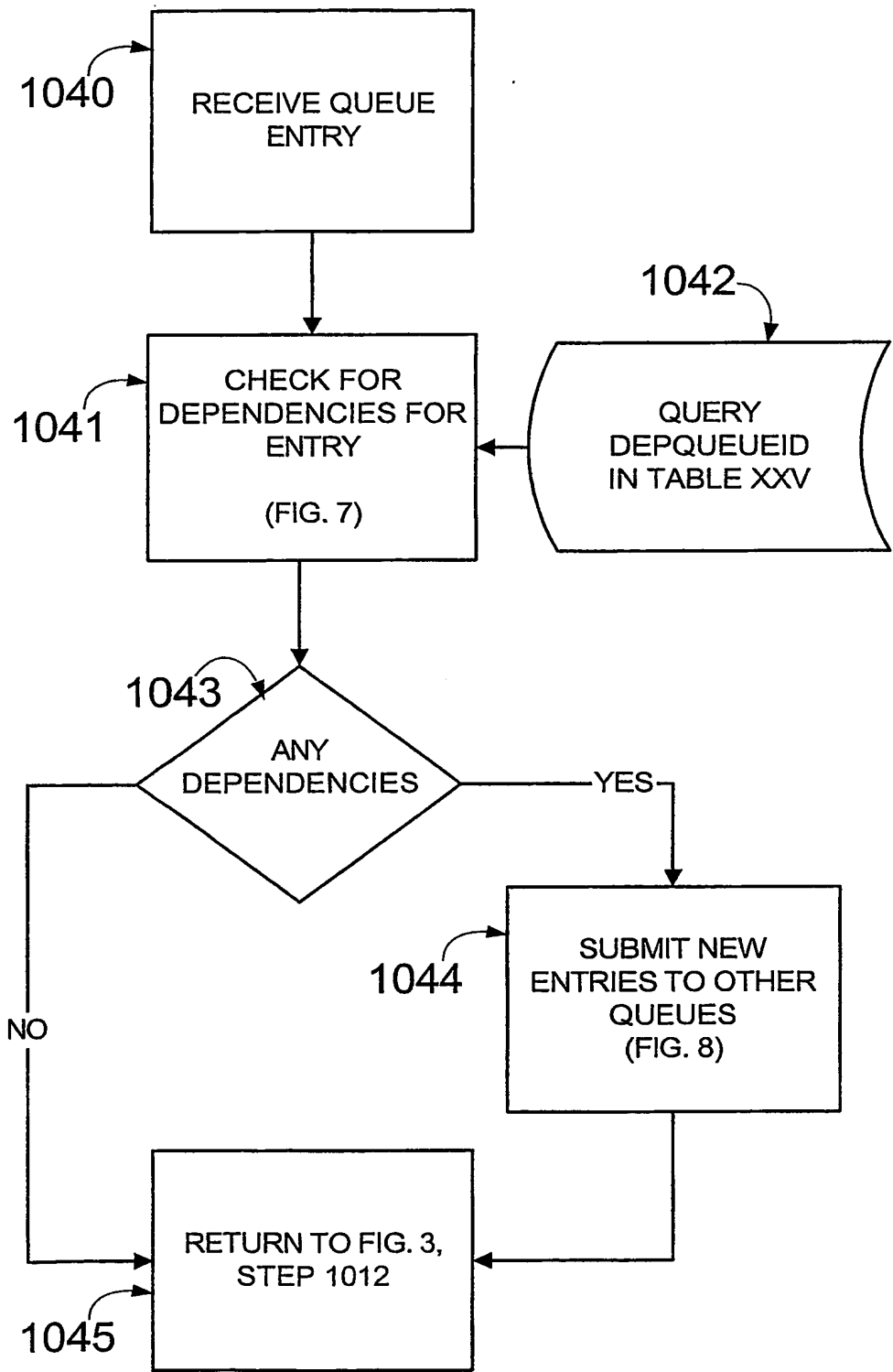


FIGURE 7

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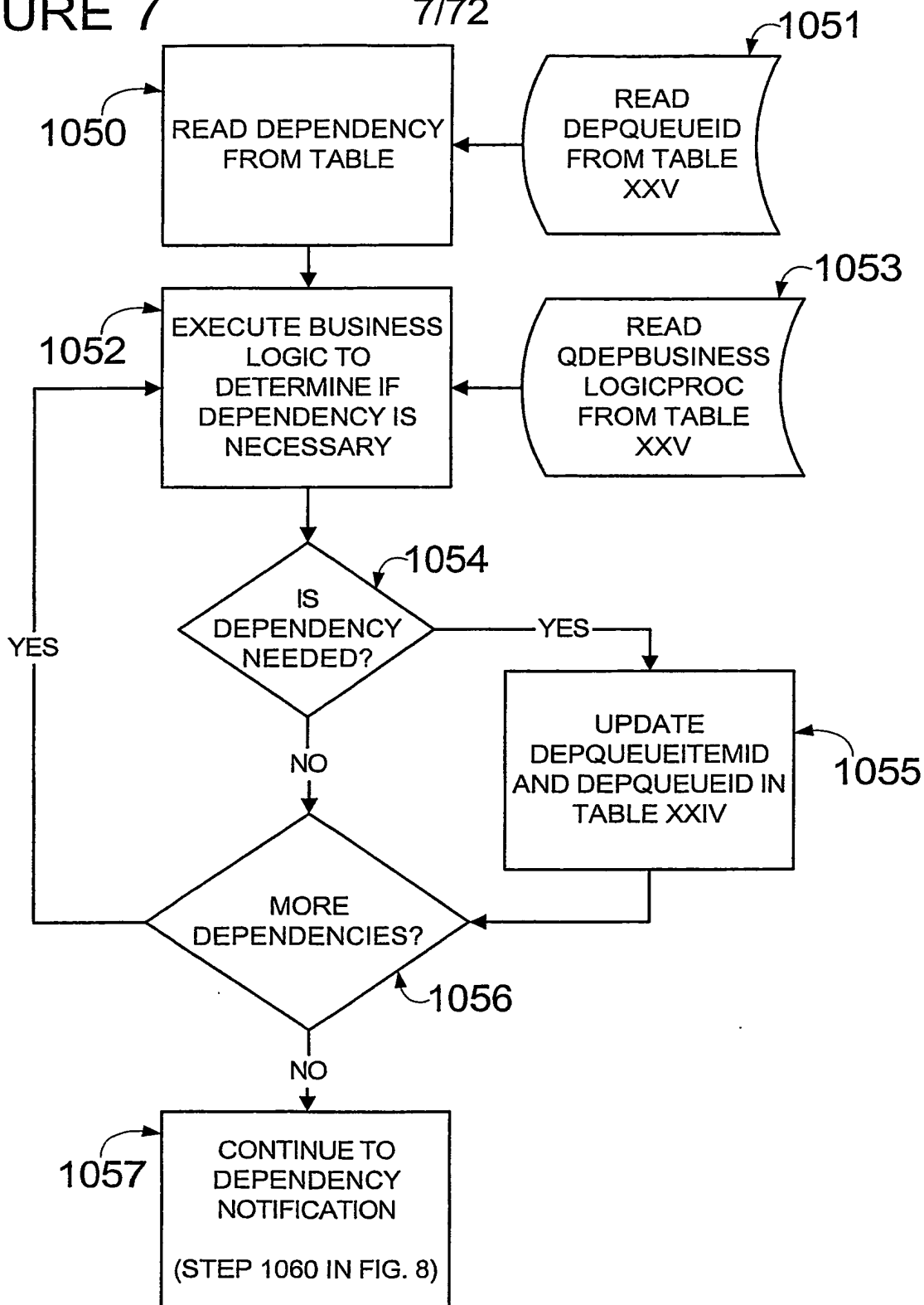
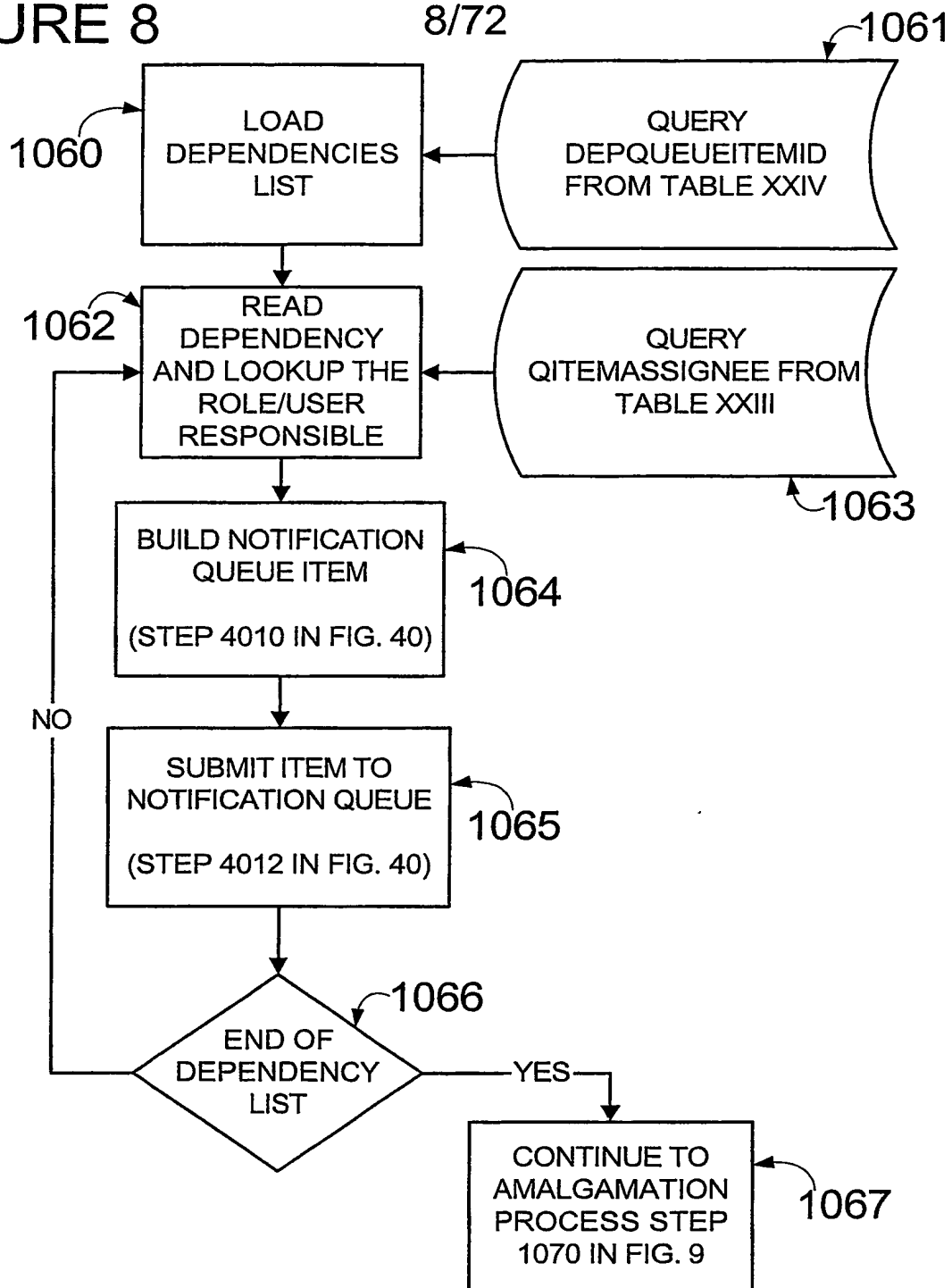


FIGURE 8

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FIGURE 9

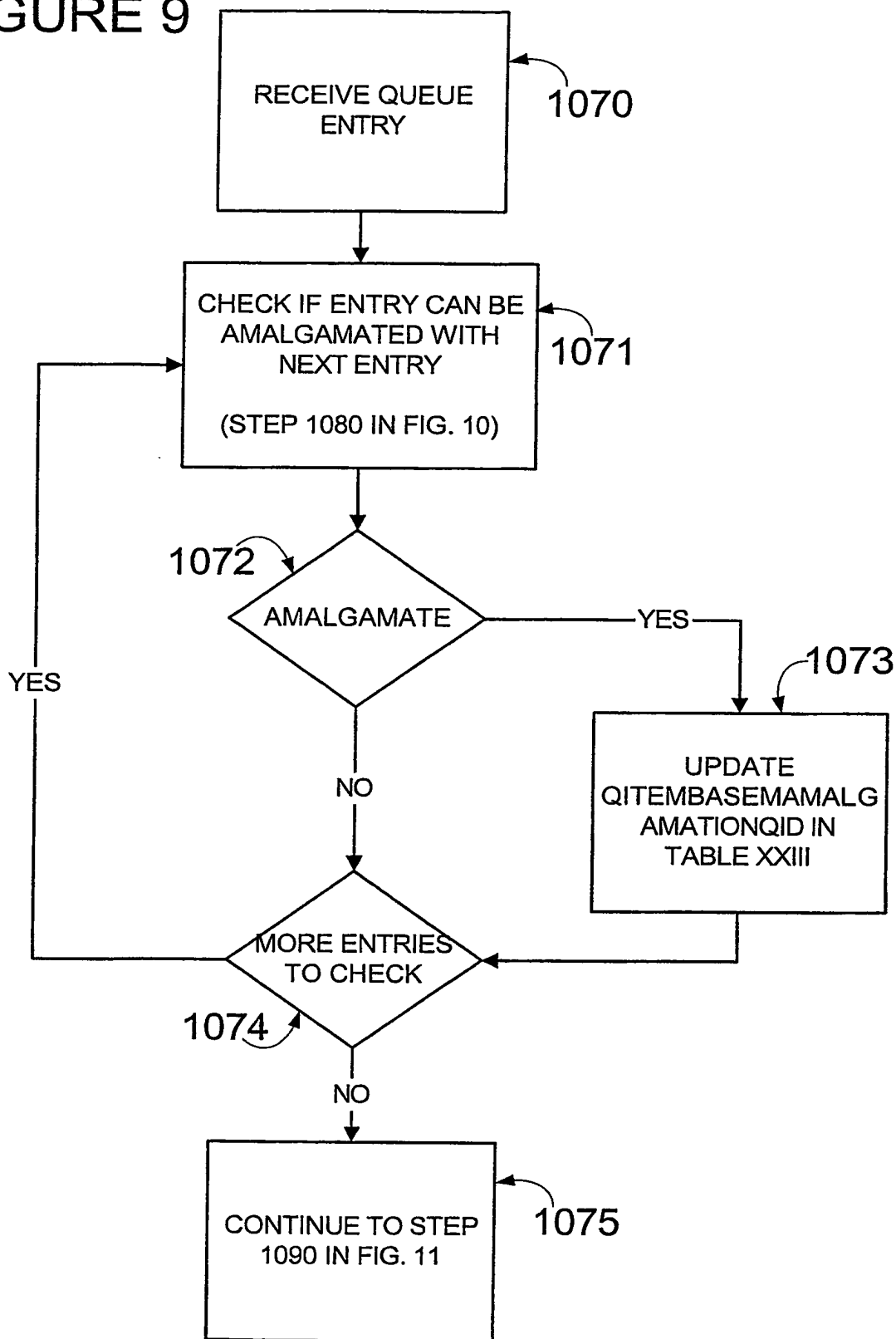


FIGURE 10

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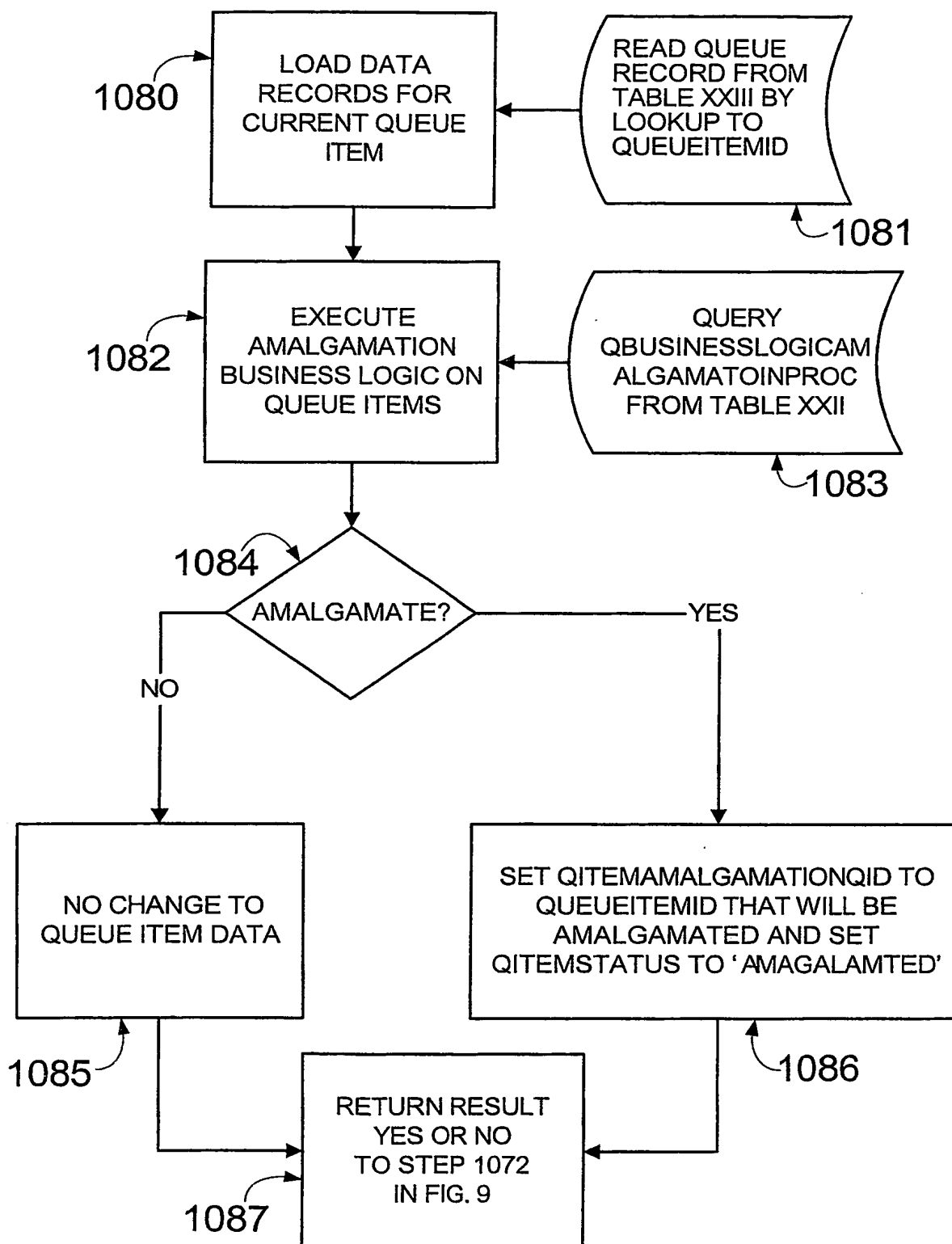


FIGURE 11

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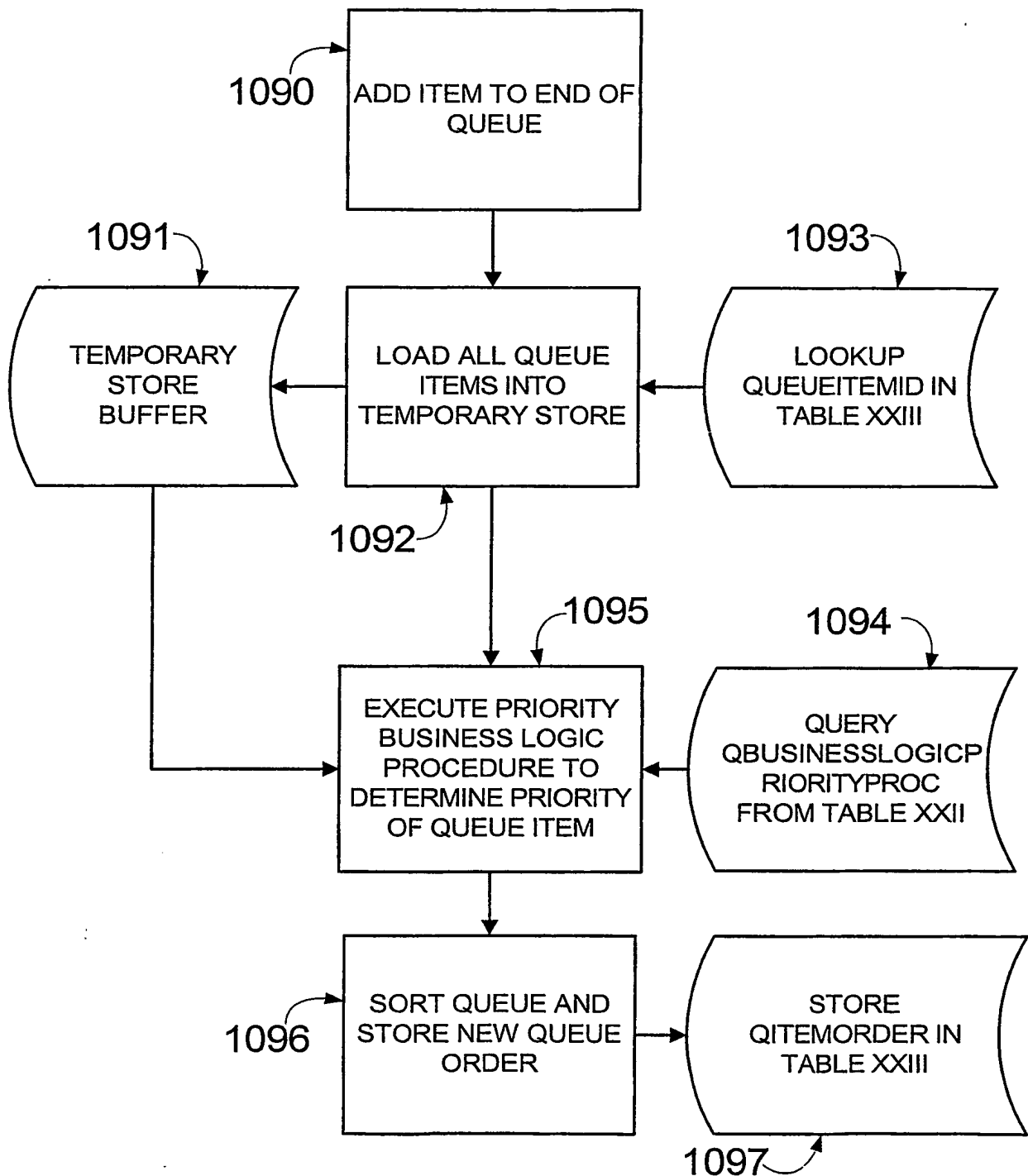
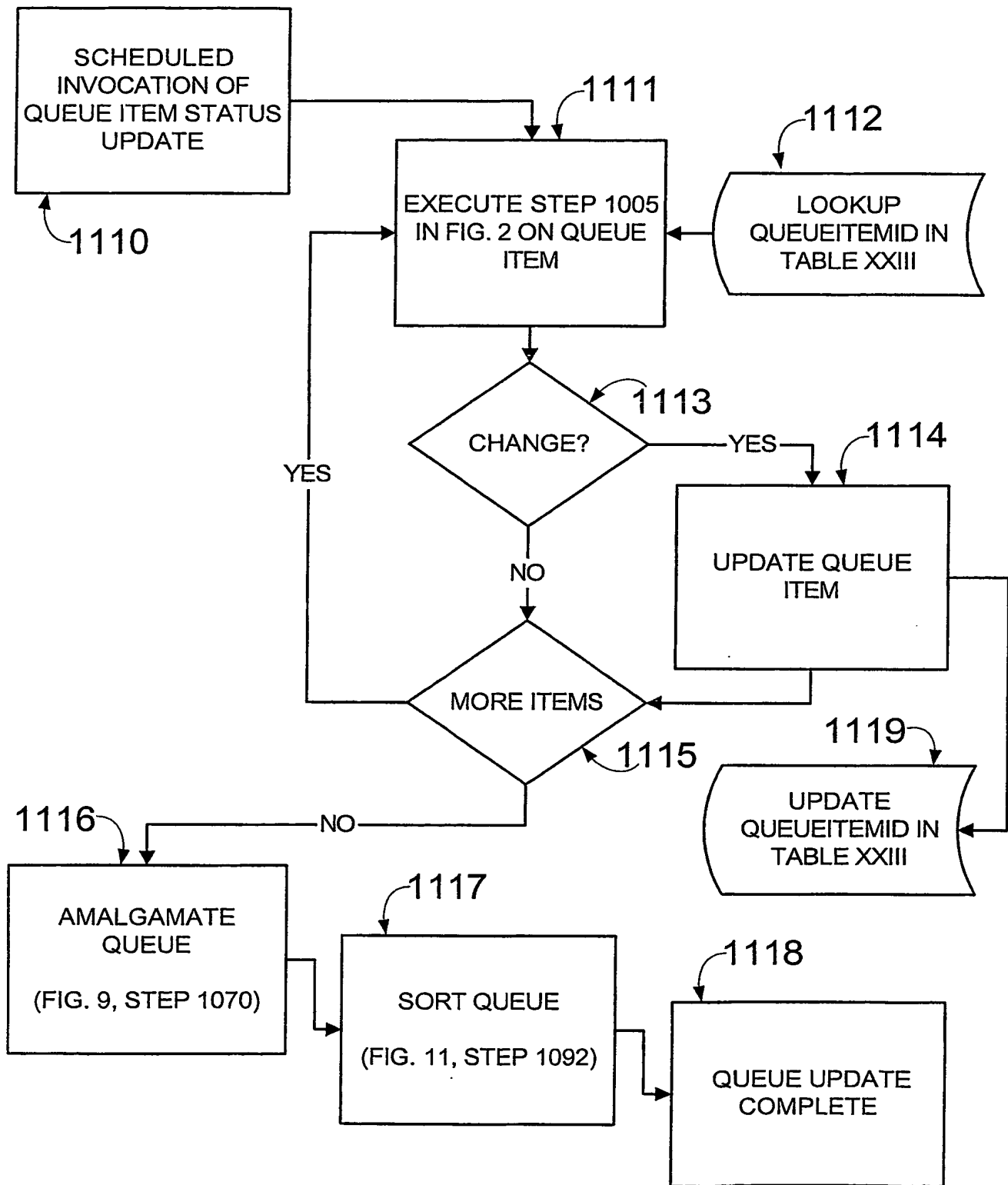


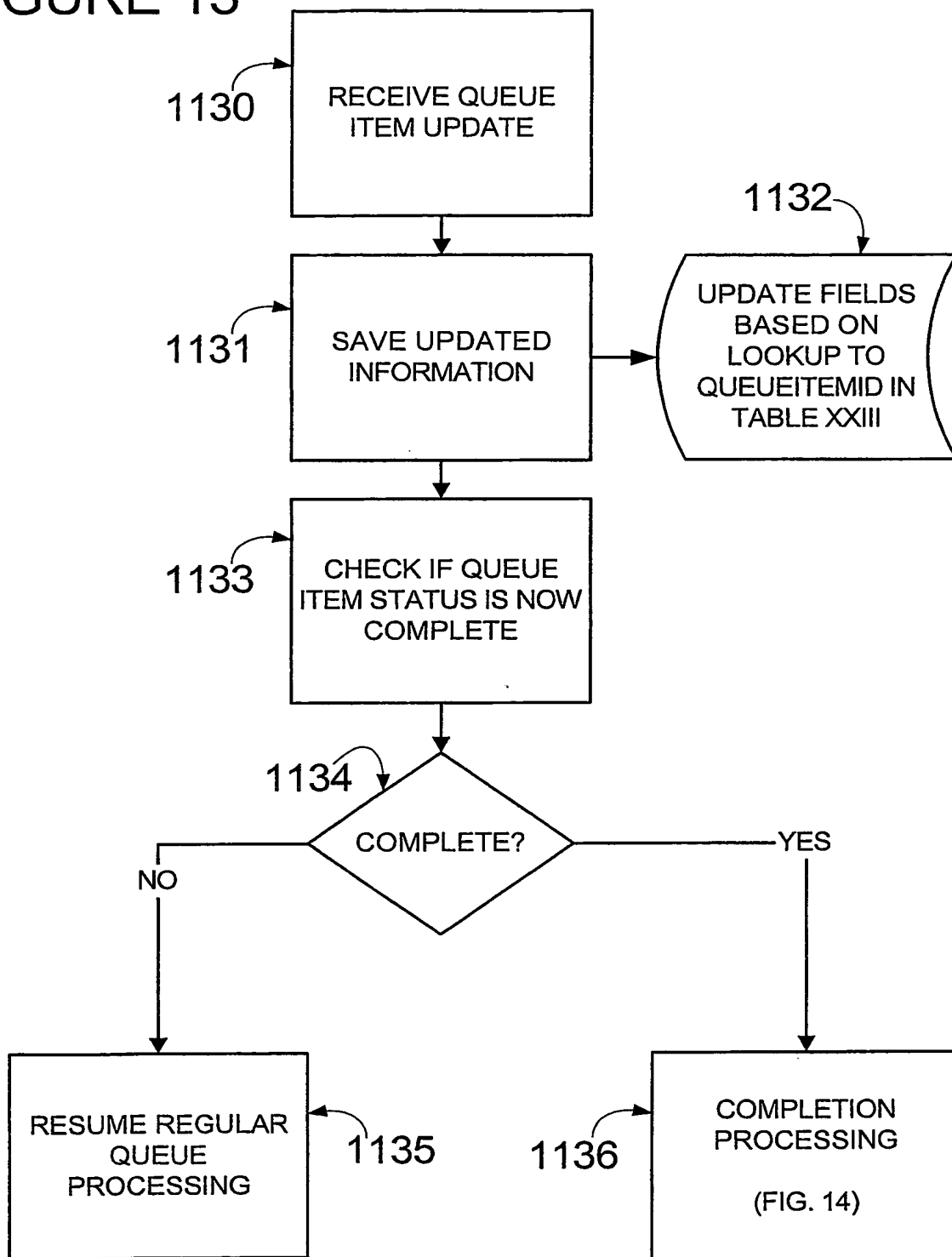
FIGURE 12

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FIGURE 13



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FIGURE 14

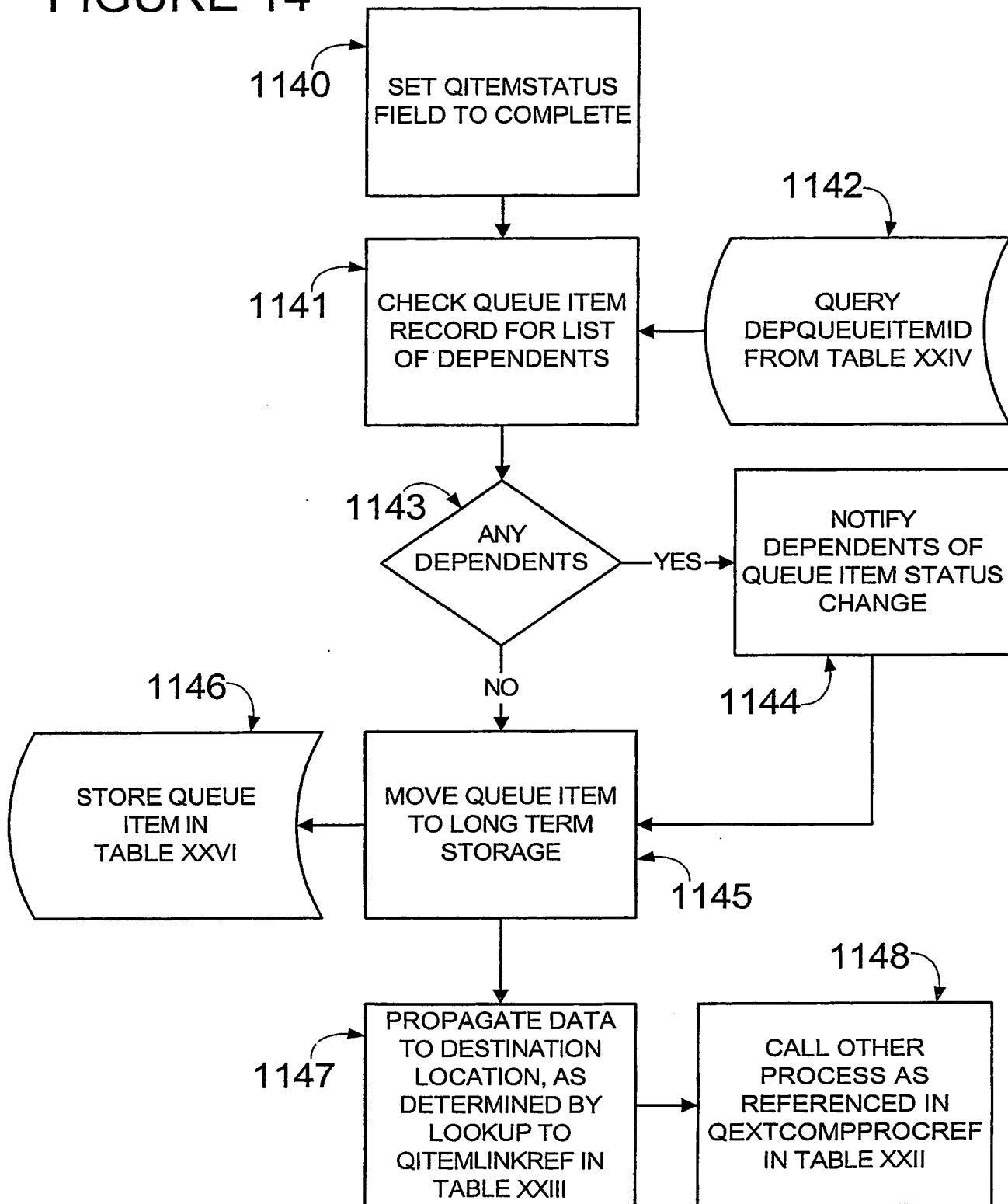


FIGURE 15

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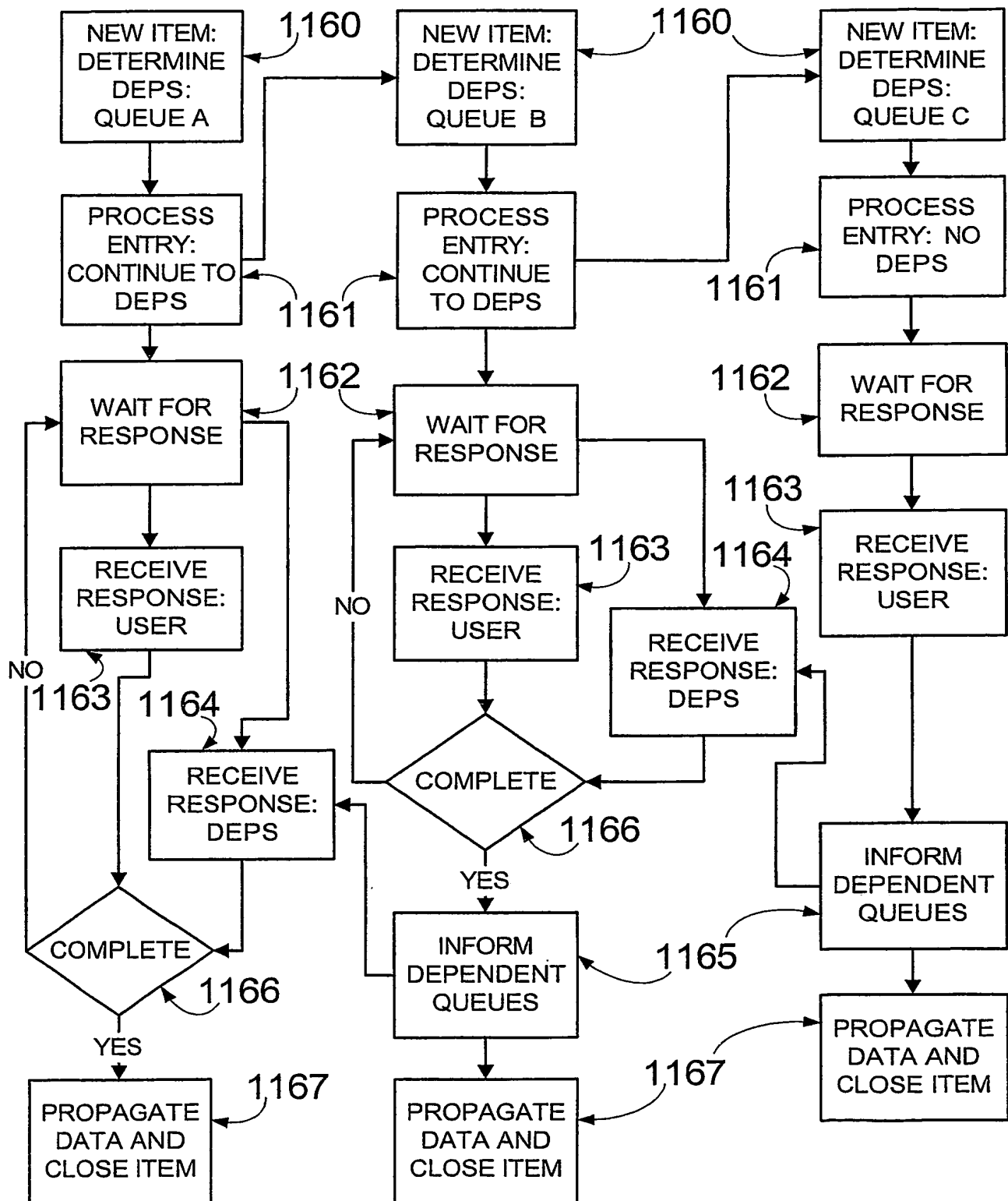


FIGURE 16

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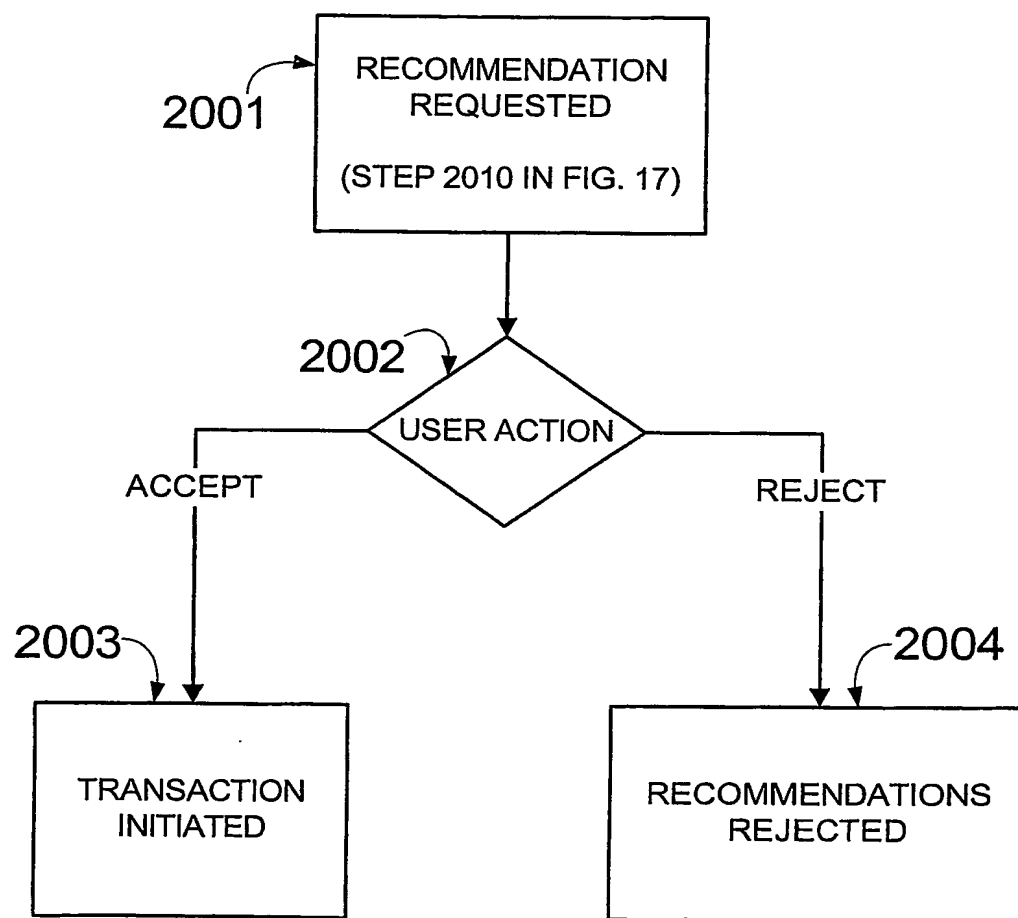


FIGURE 17

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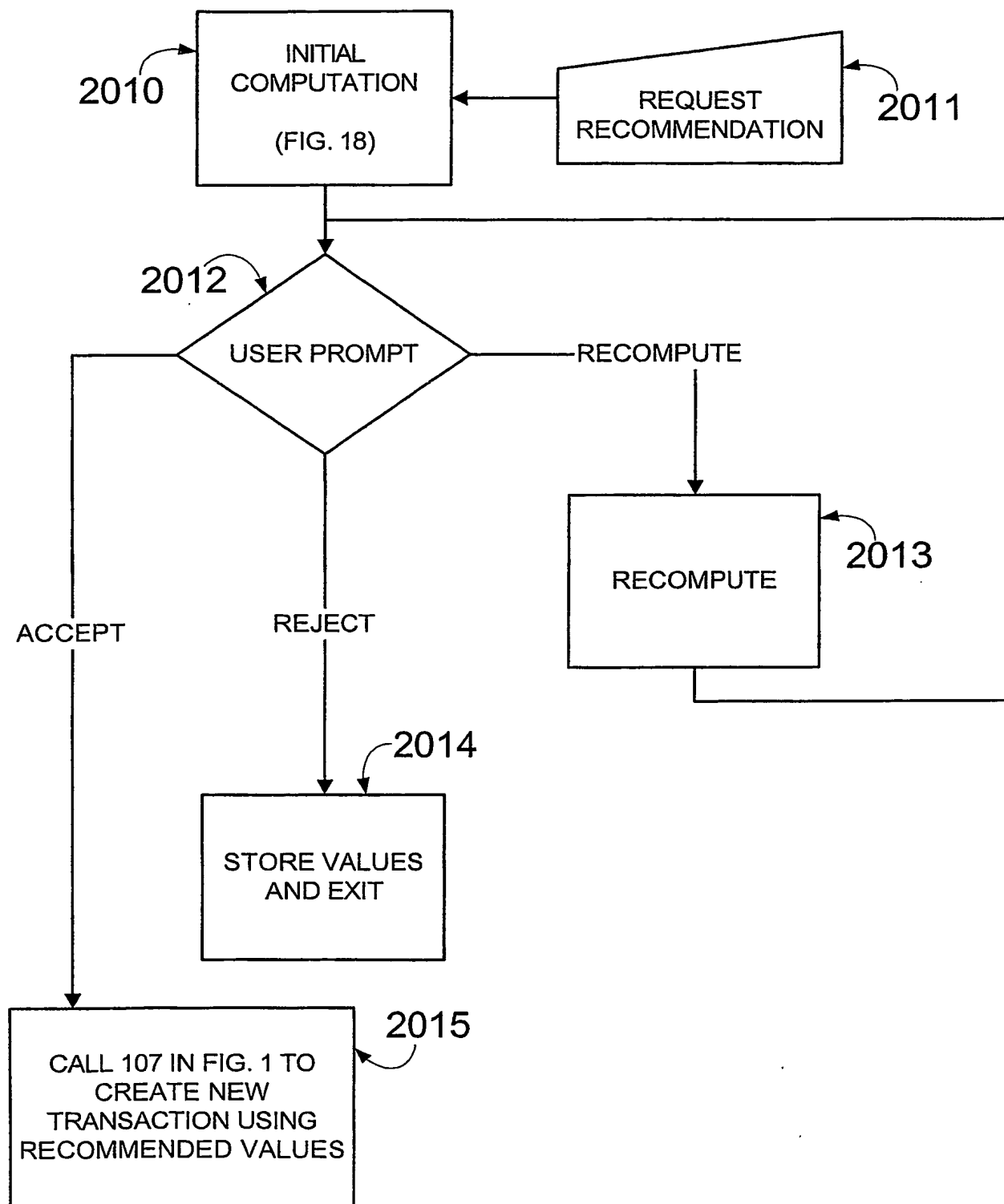


FIGURE 18

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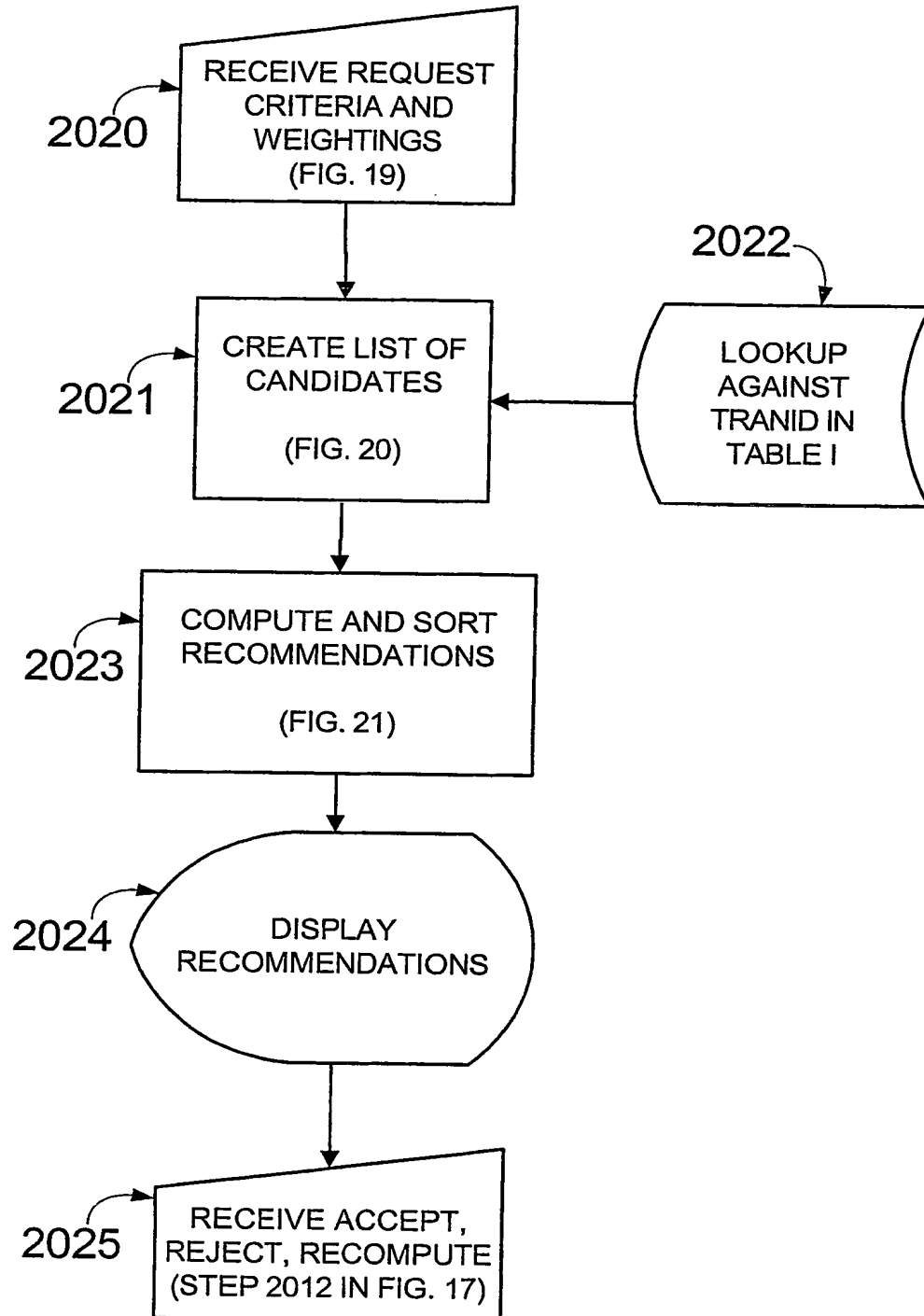


FIGURE 19

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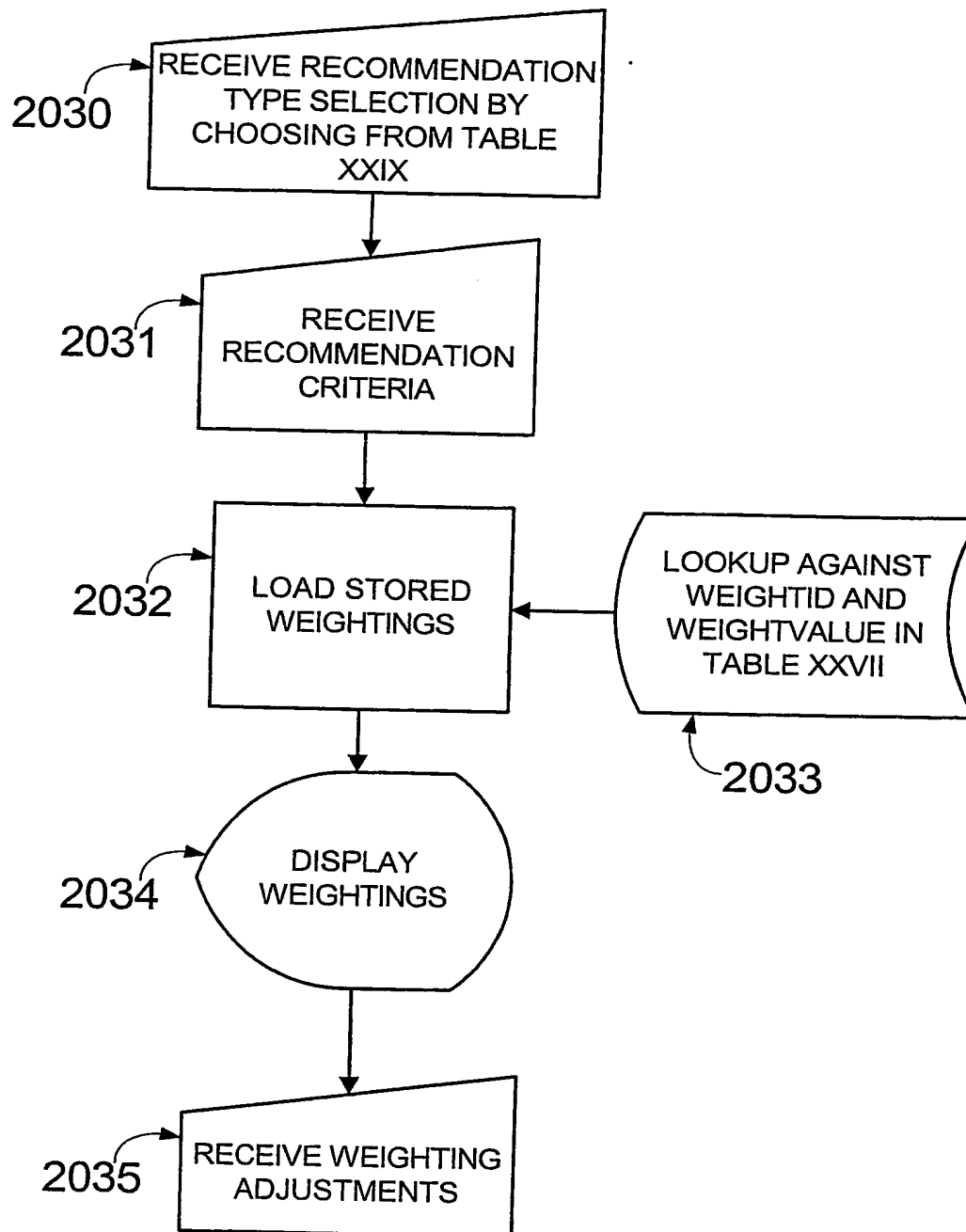


FIGURE 20

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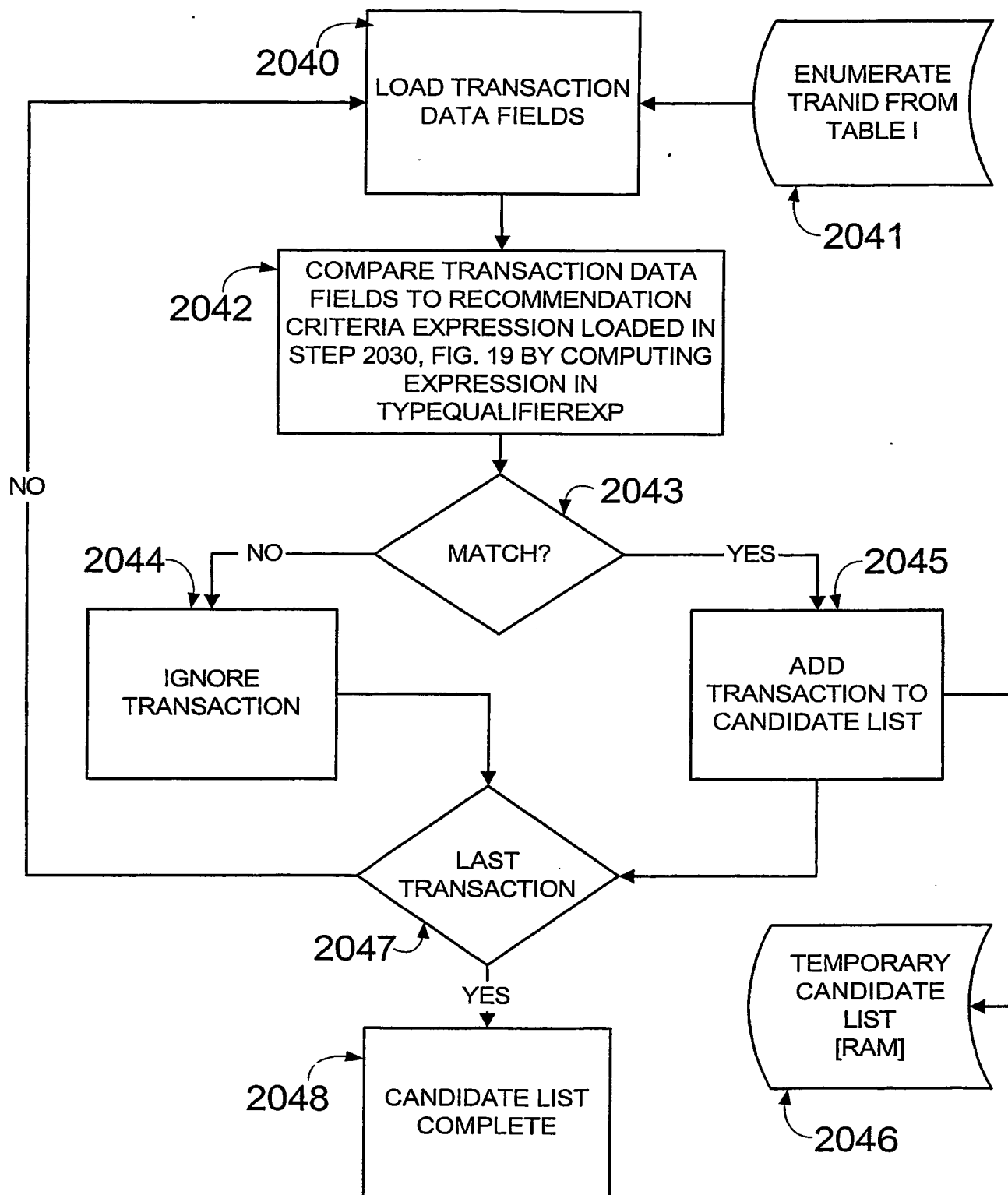
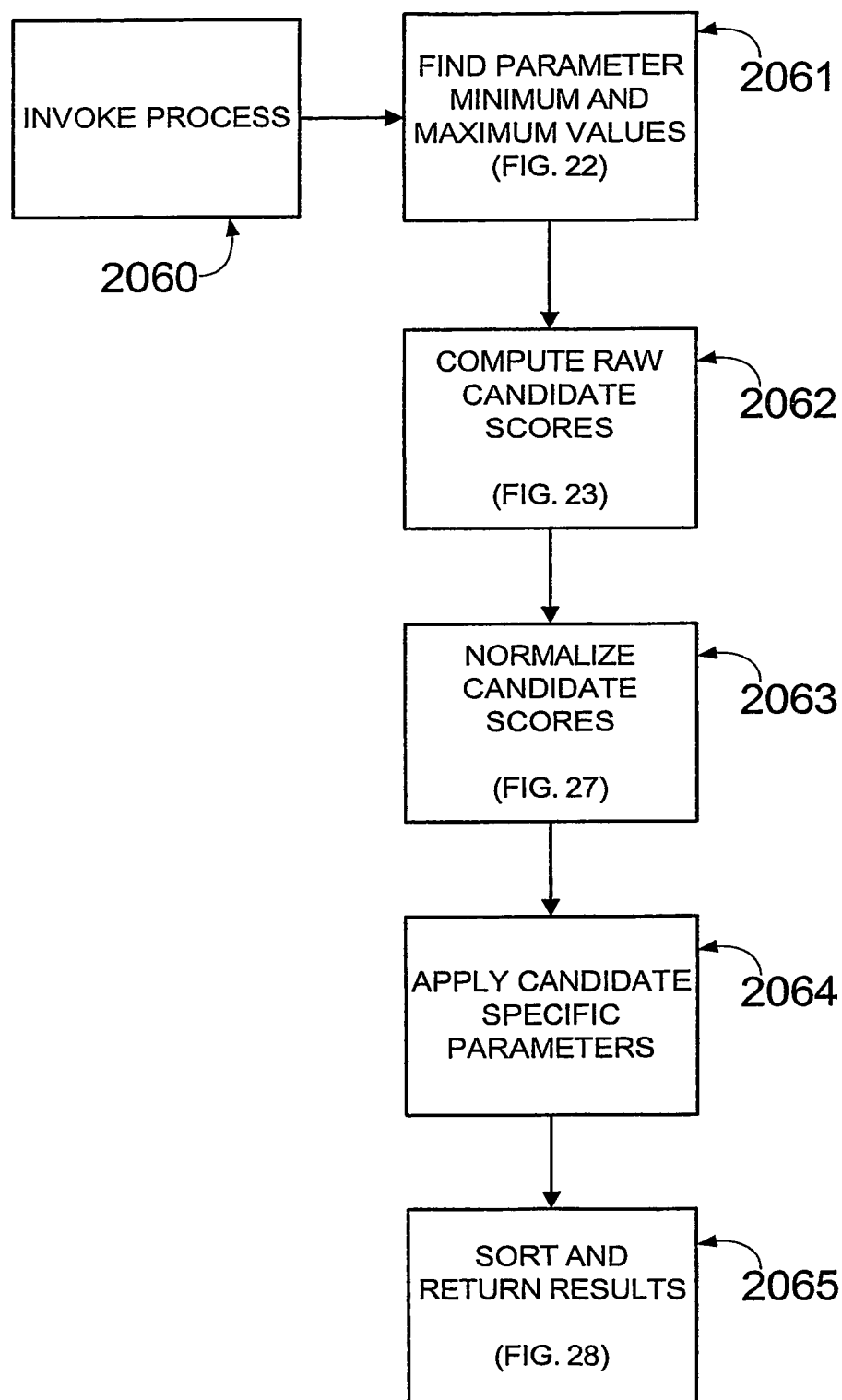


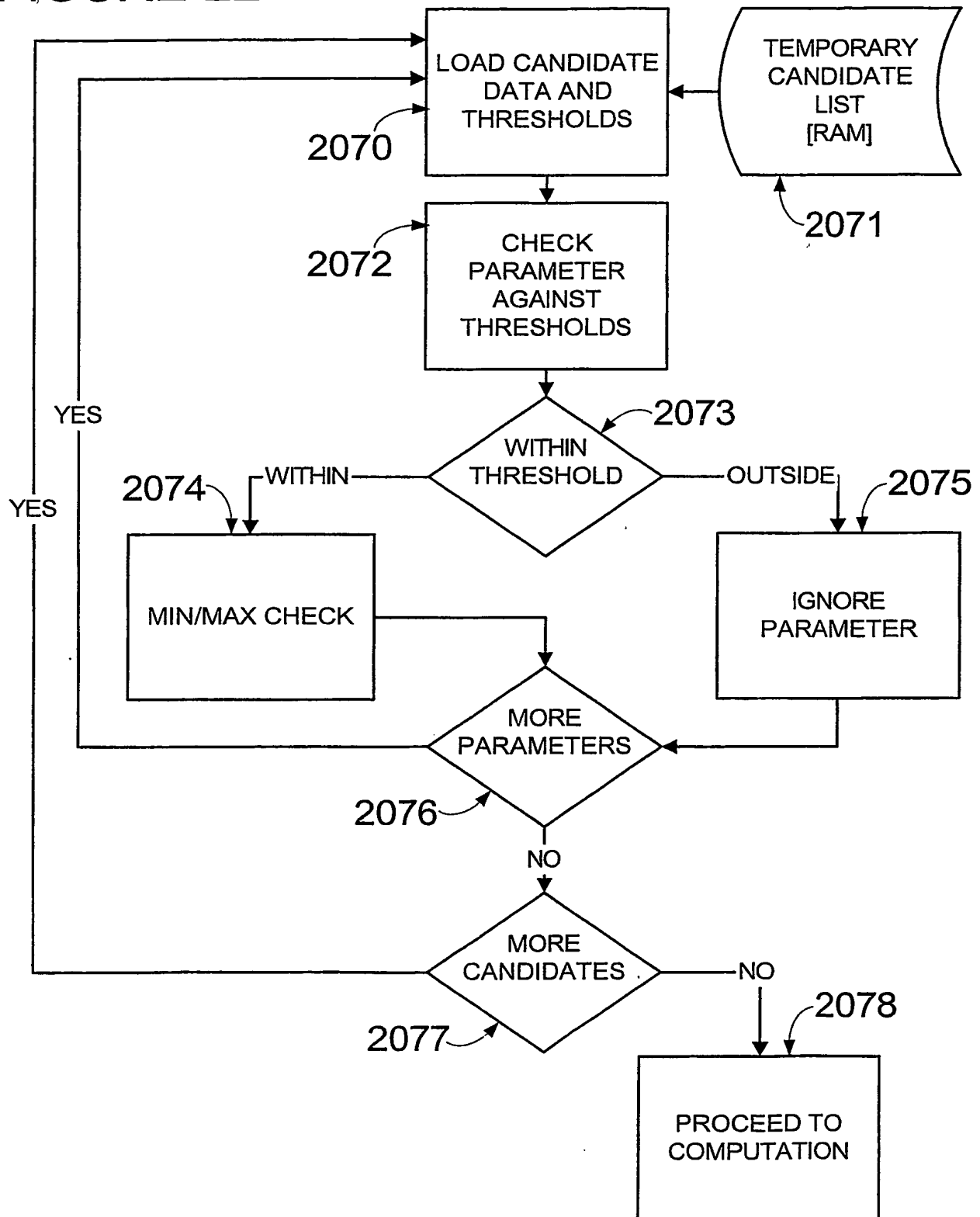
FIGURE 21

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FIGURE 22



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FIGURE 23

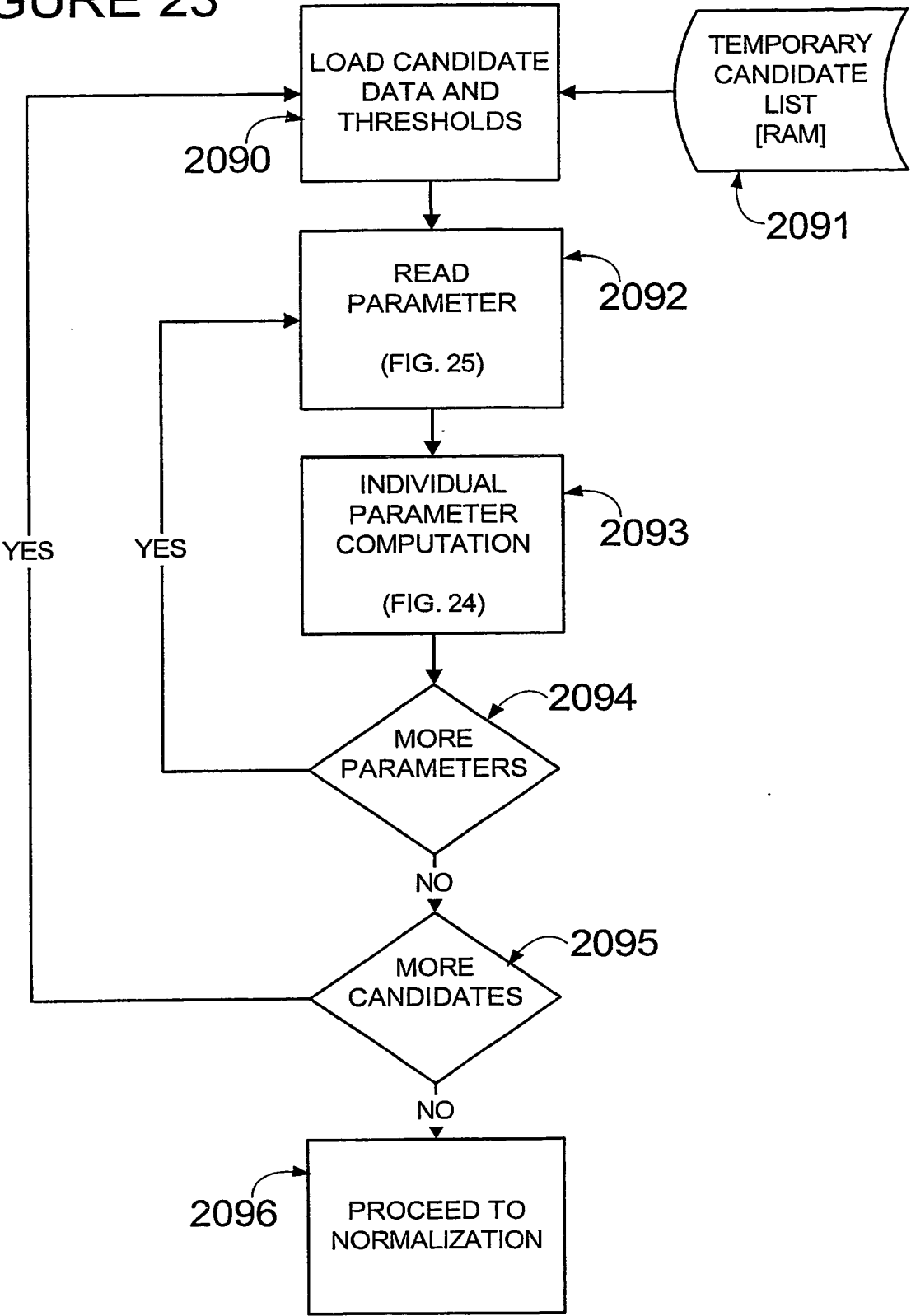
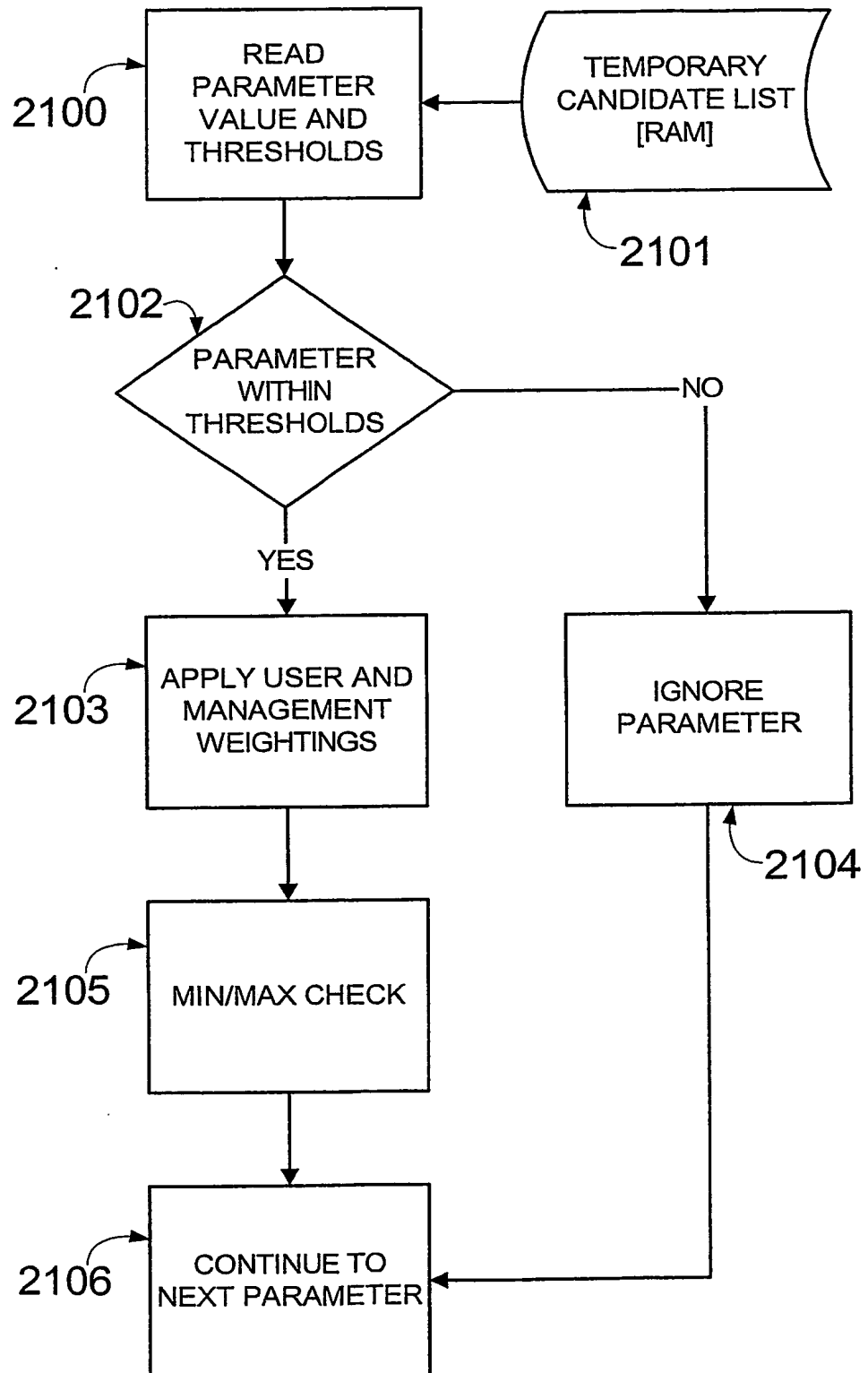


FIGURE 24

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FIGURE 25

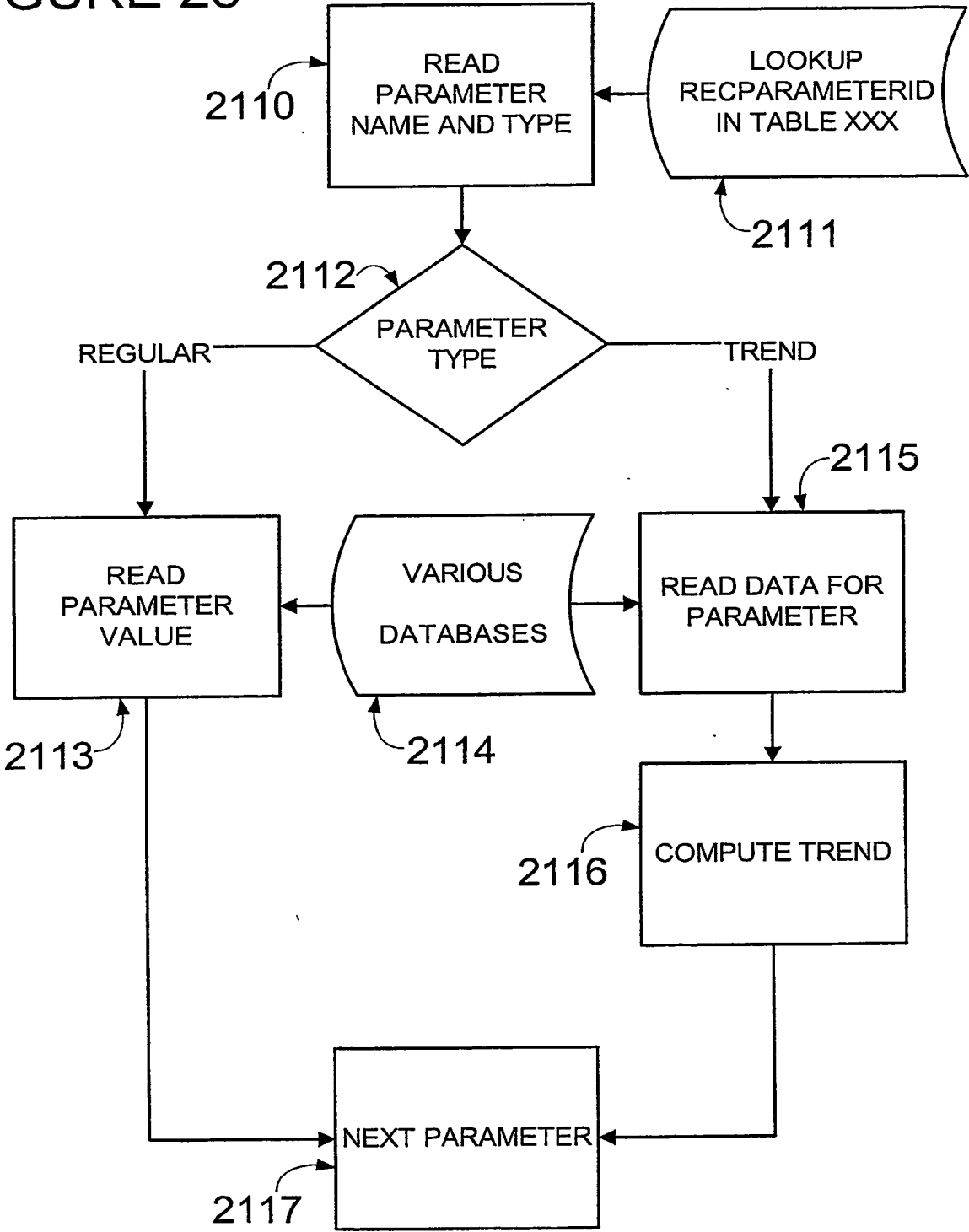
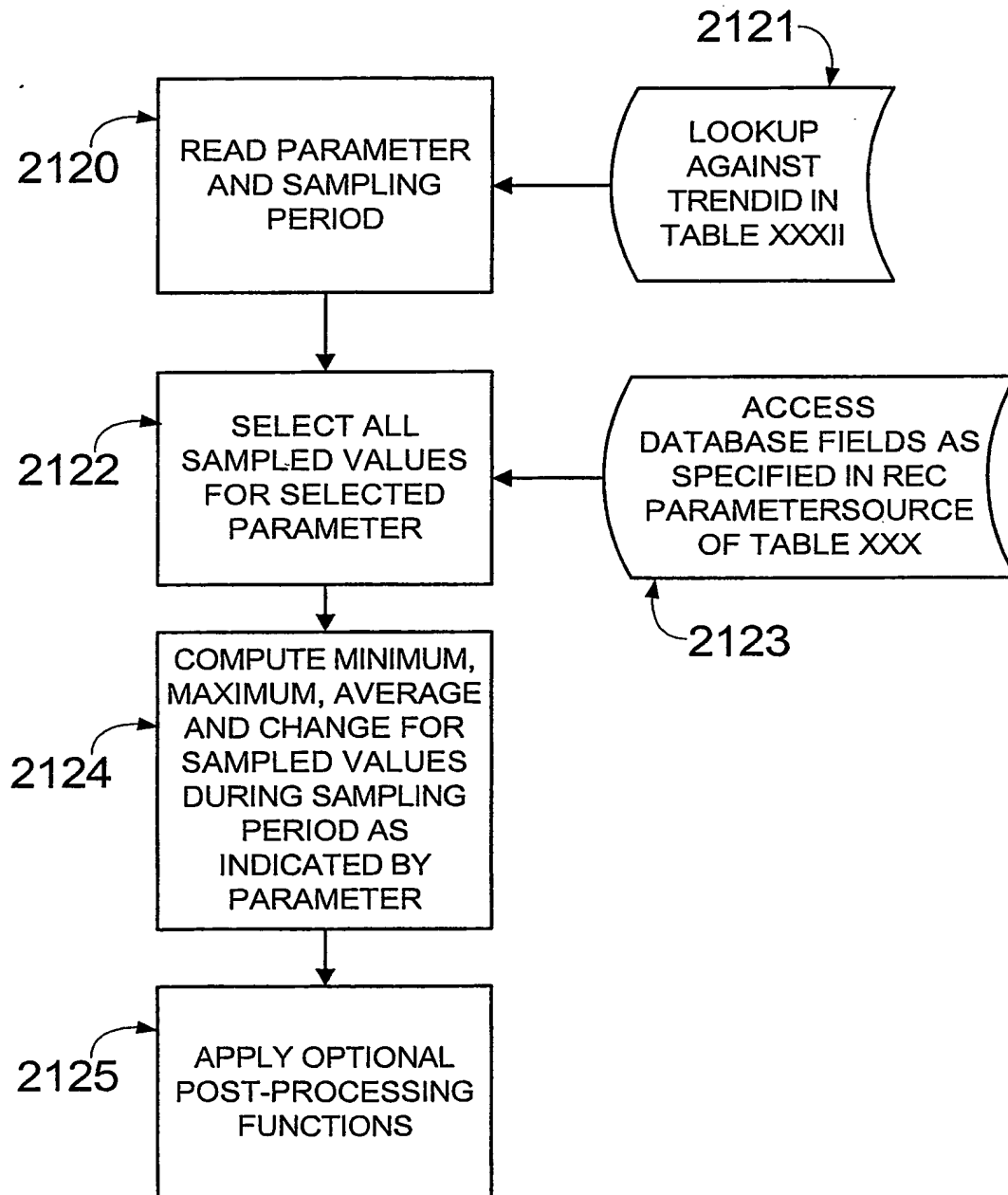


FIGURE 26

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FIGURE 27

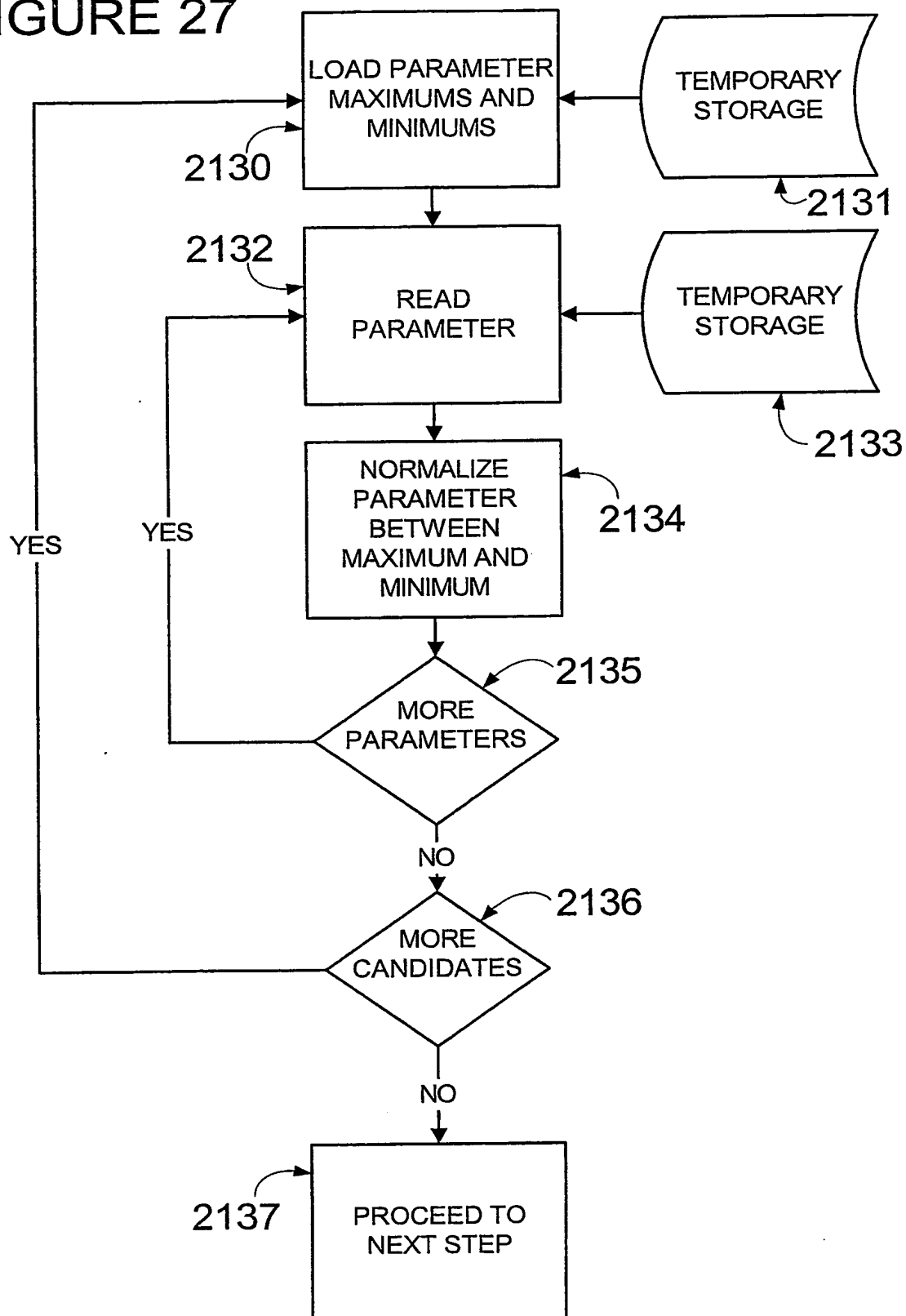


FIGURE 28

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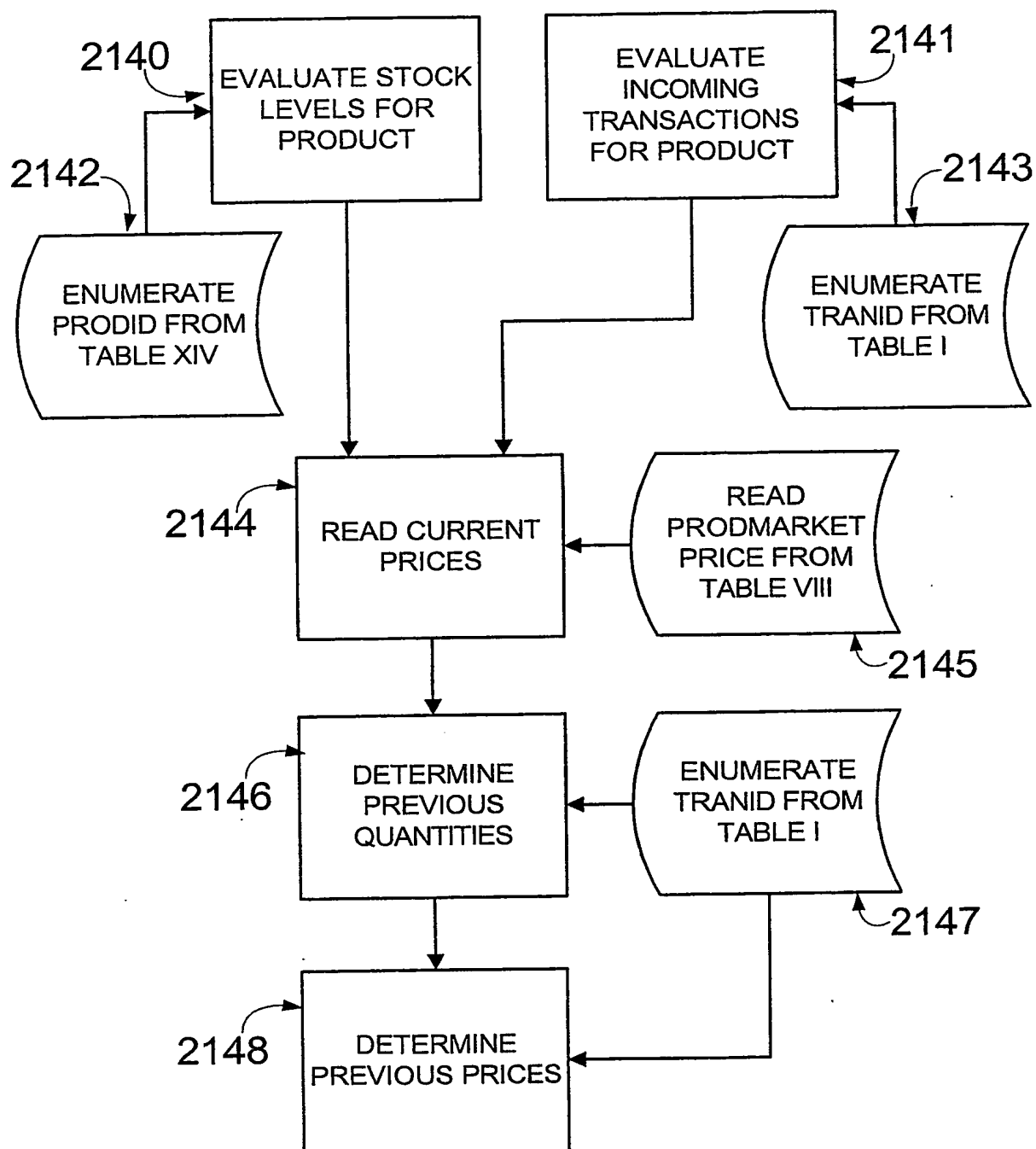


FIGURE 29

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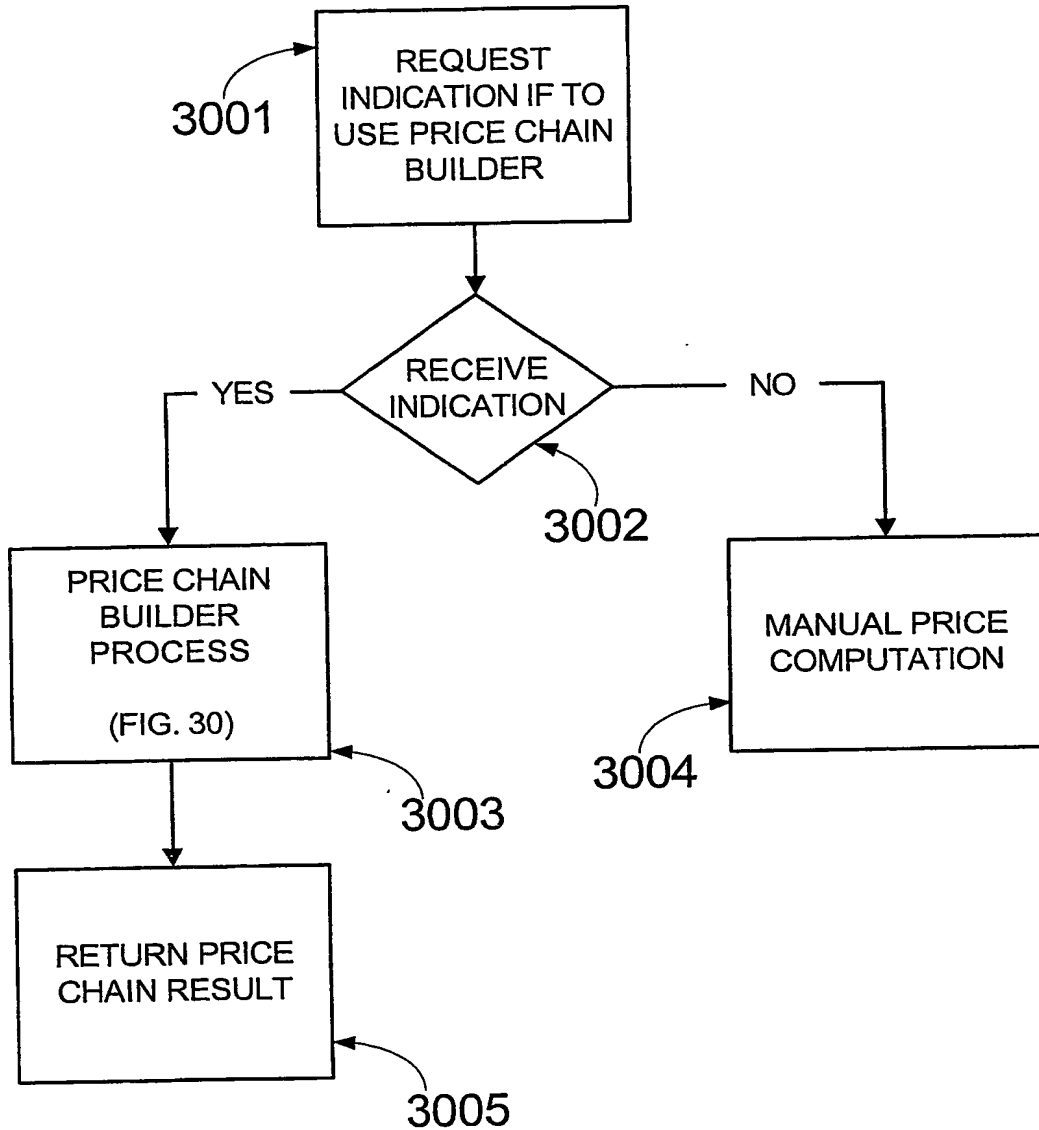


FIGURE 30

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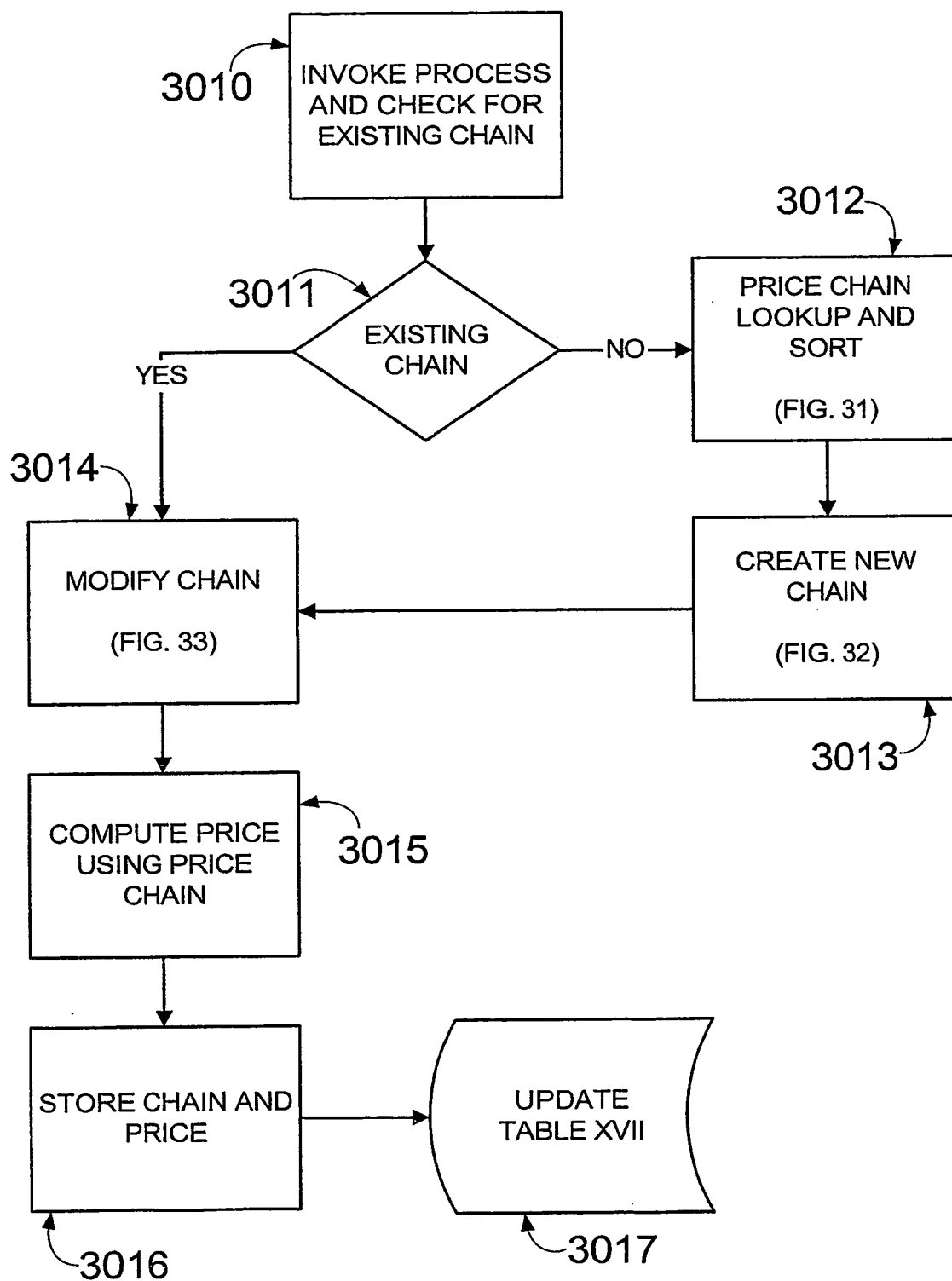


FIGURE 31

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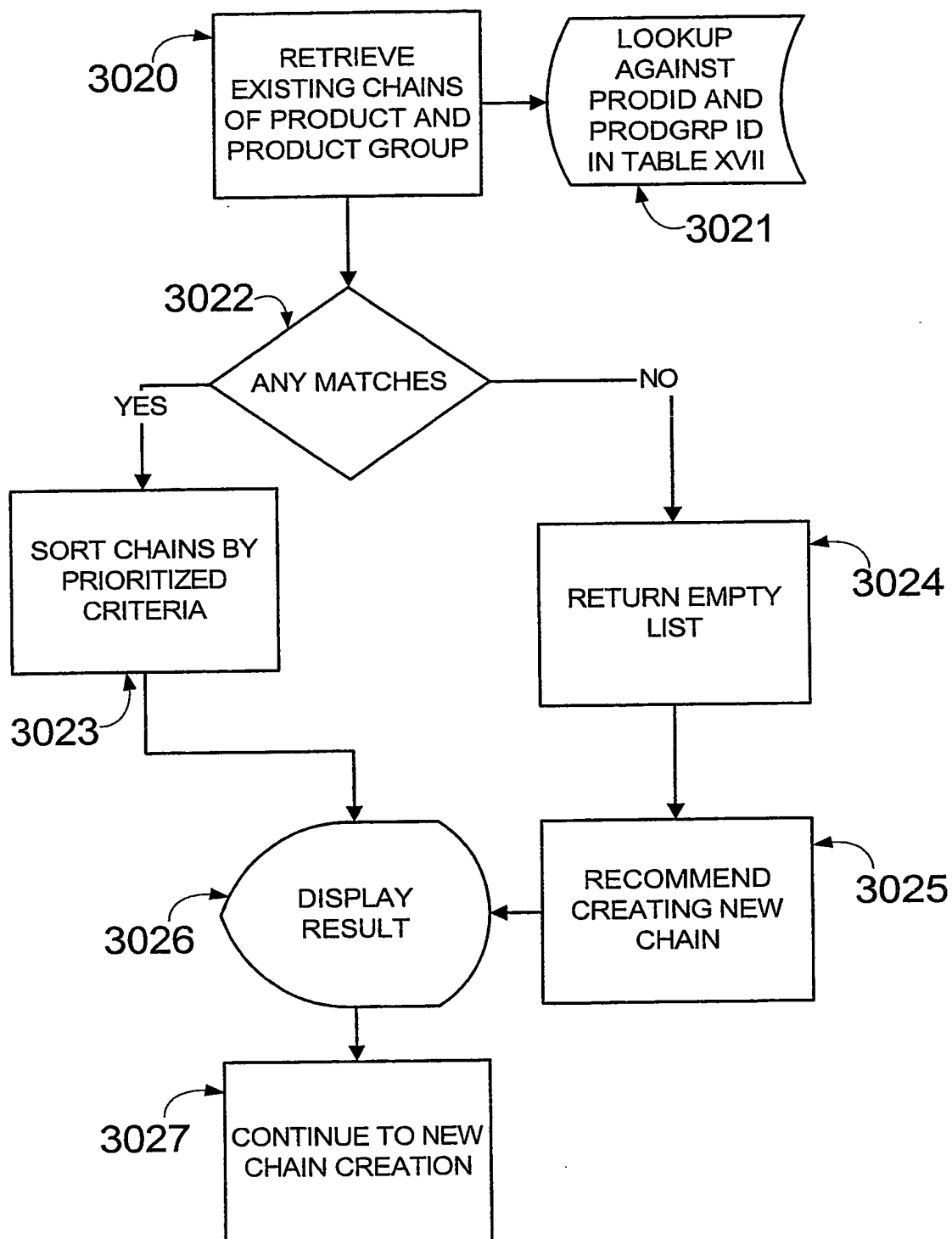
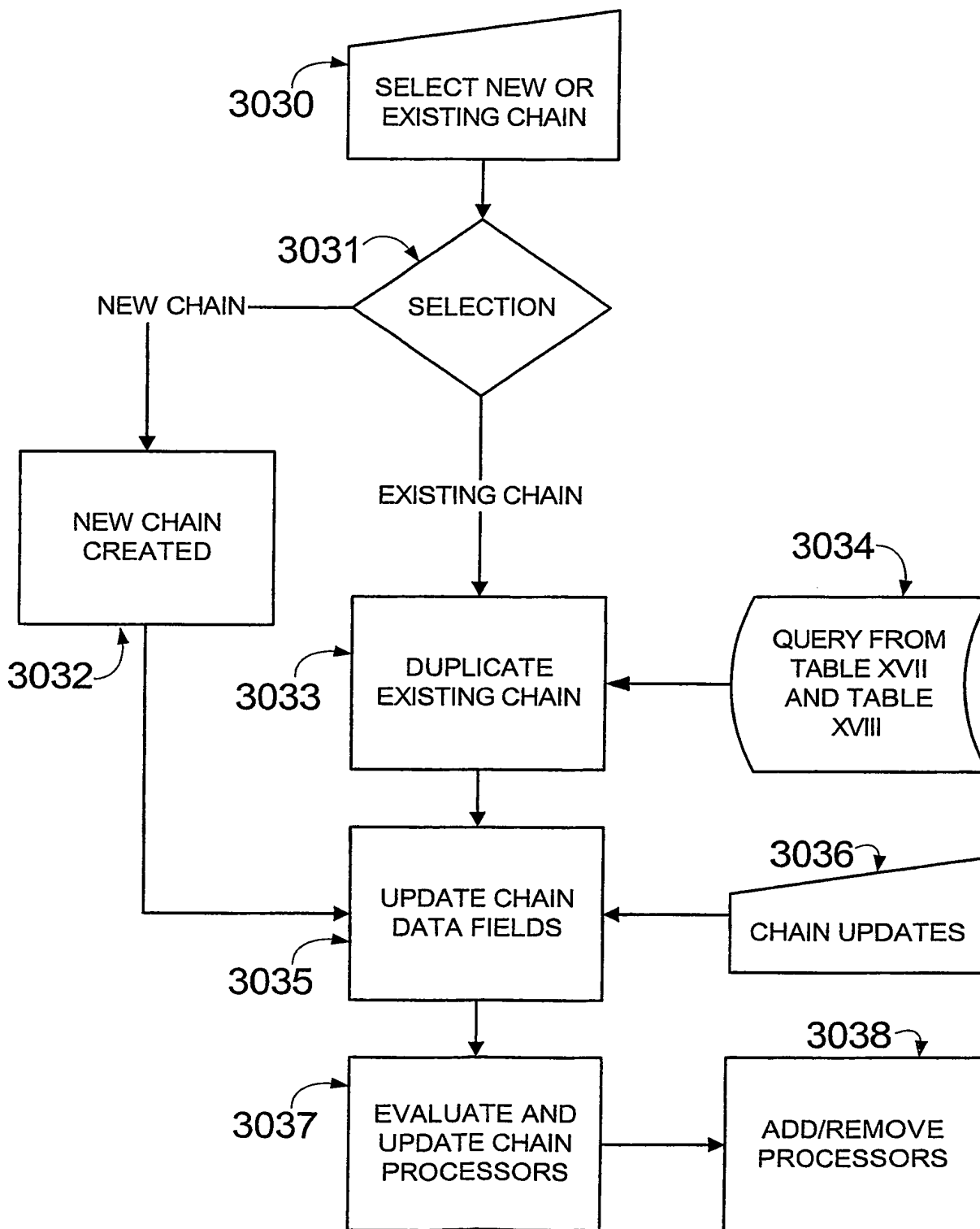


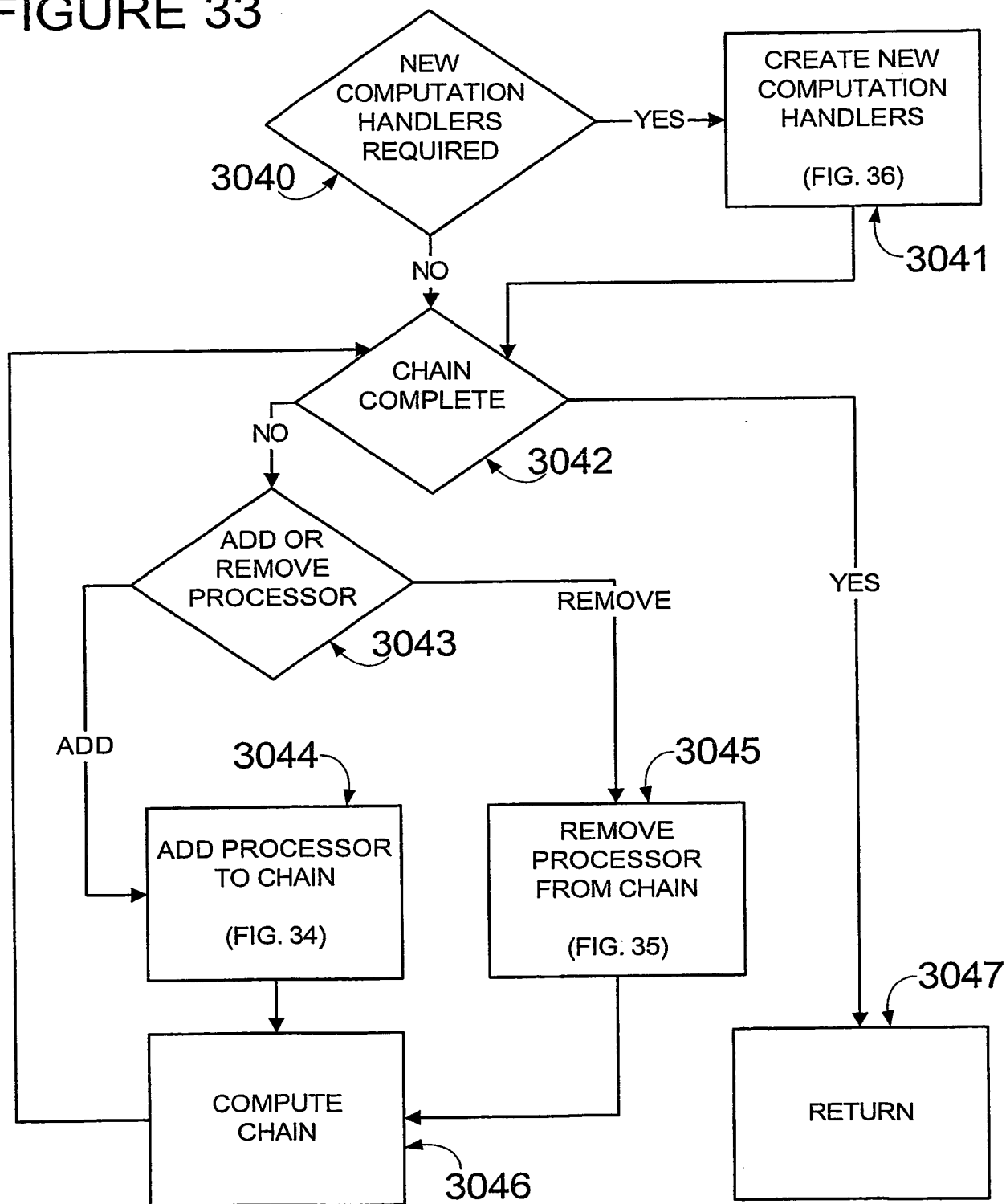
FIGURE 32

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FIGURE 33



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FIGURE 34

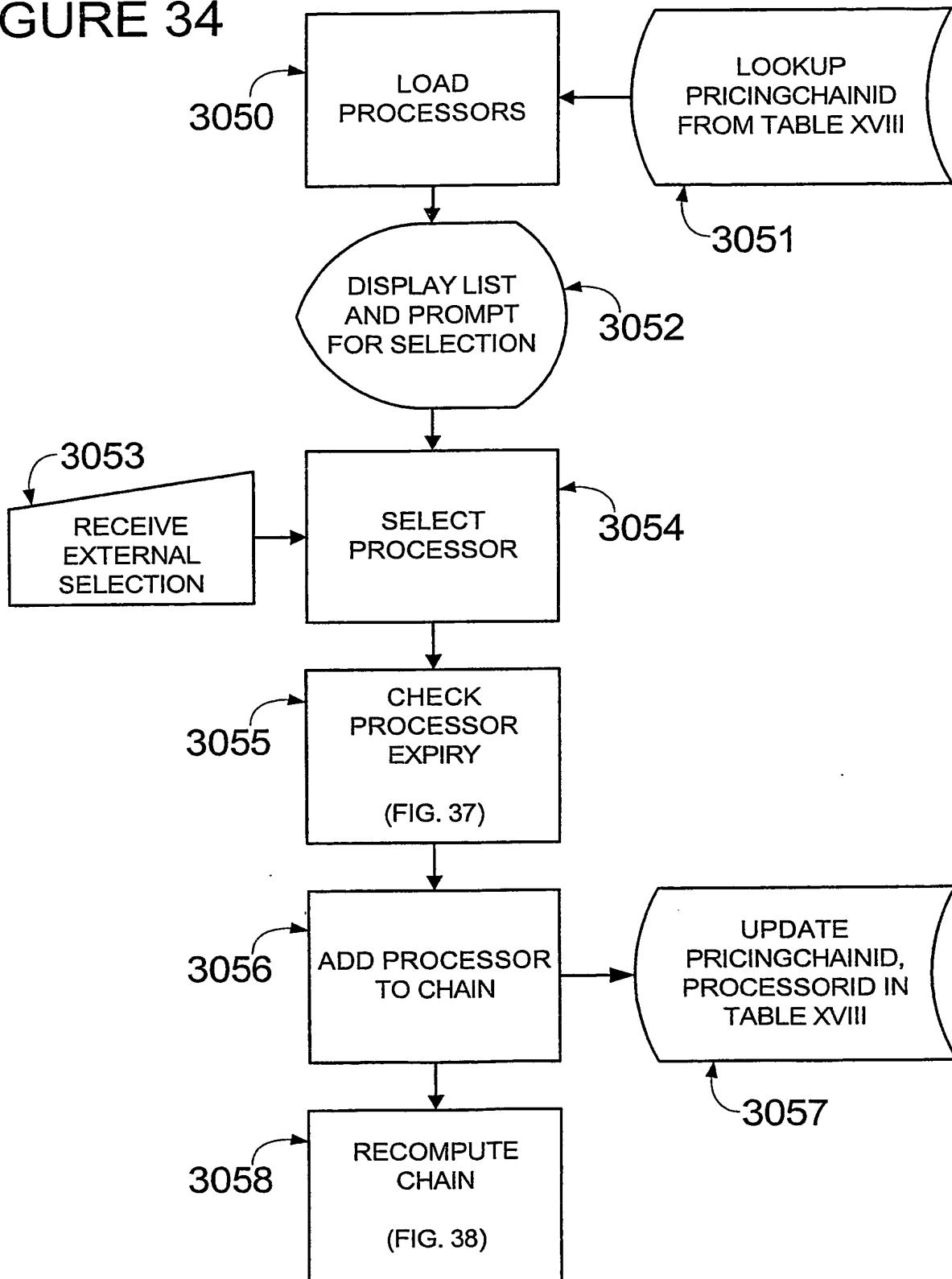
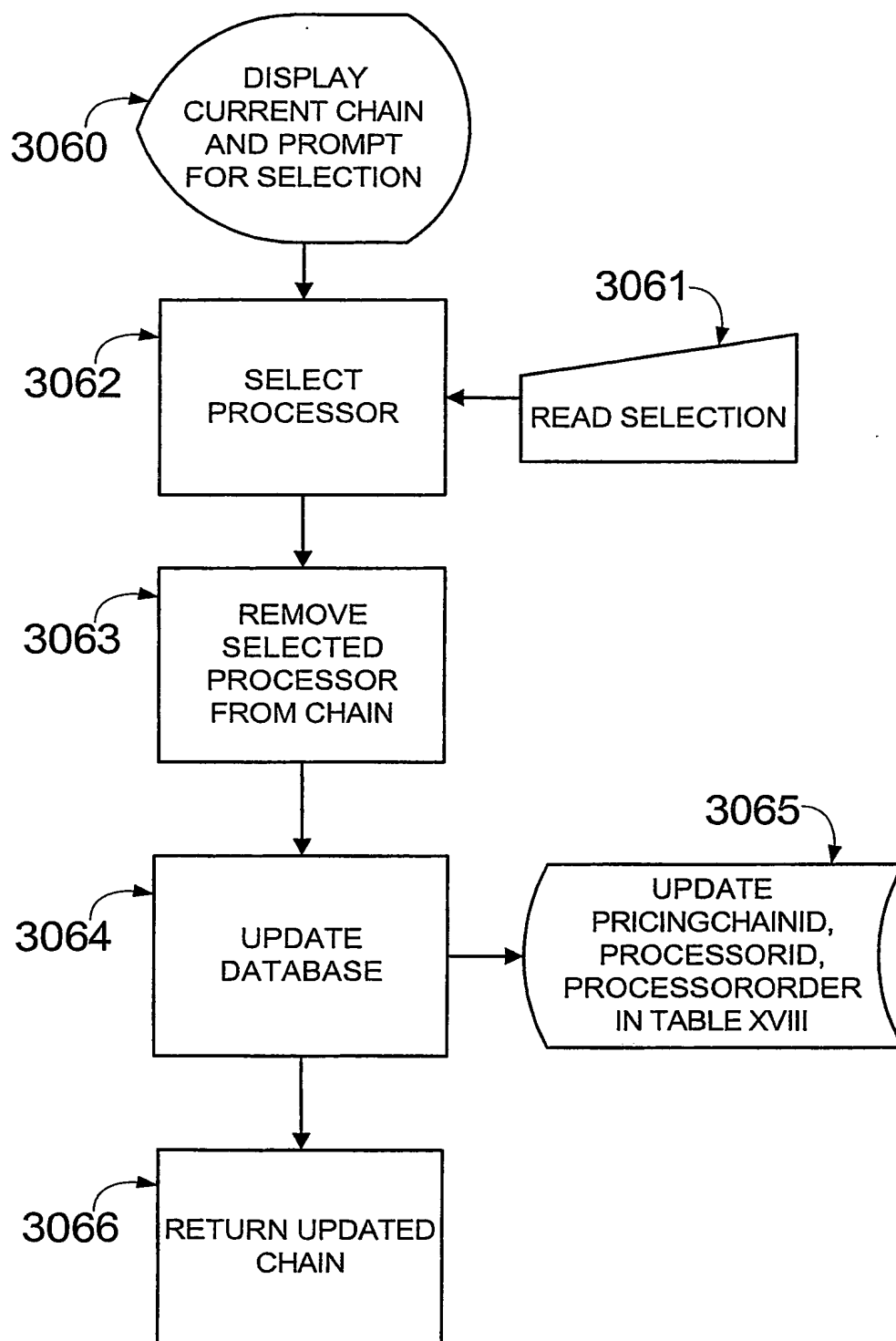


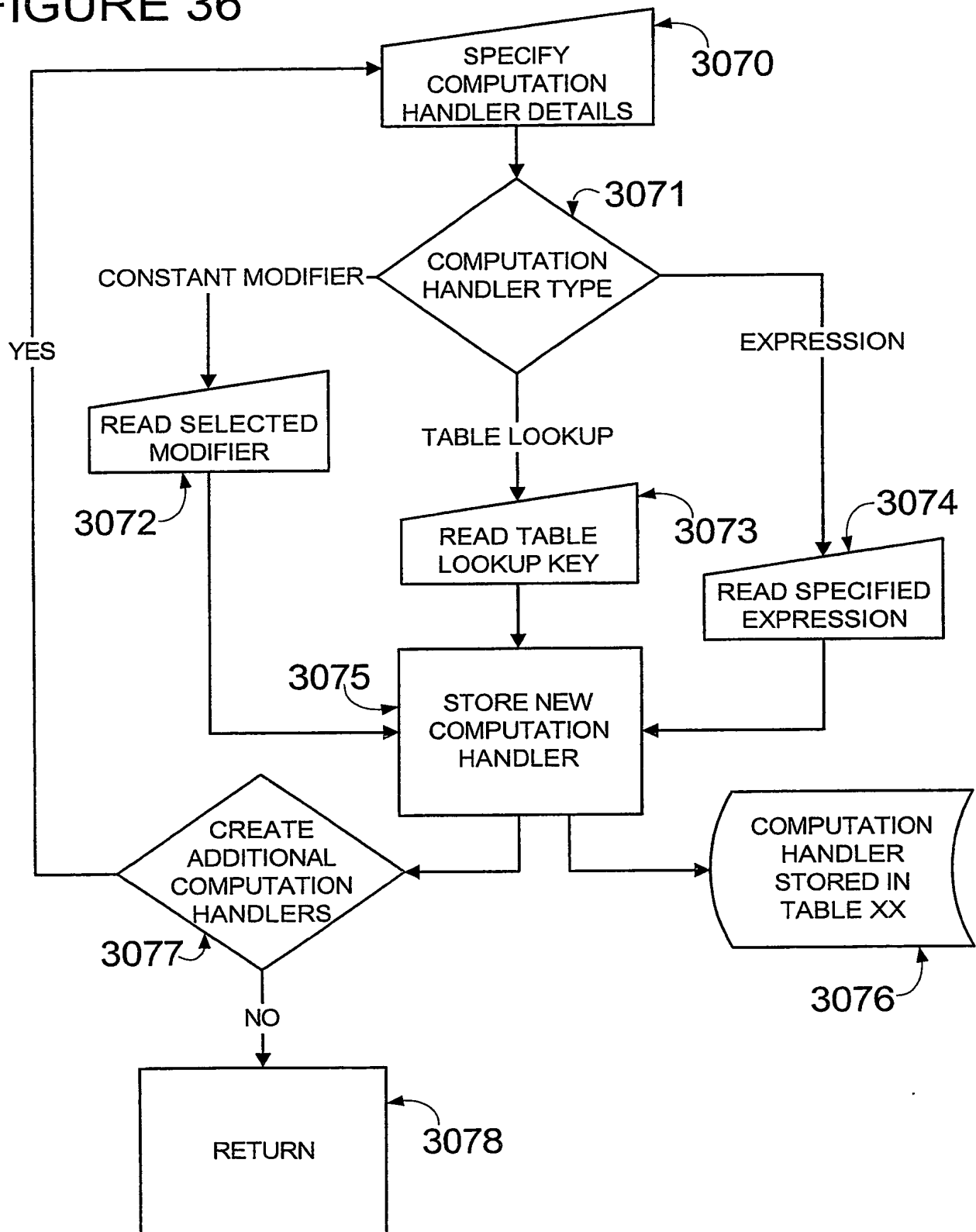
FIGURE 35

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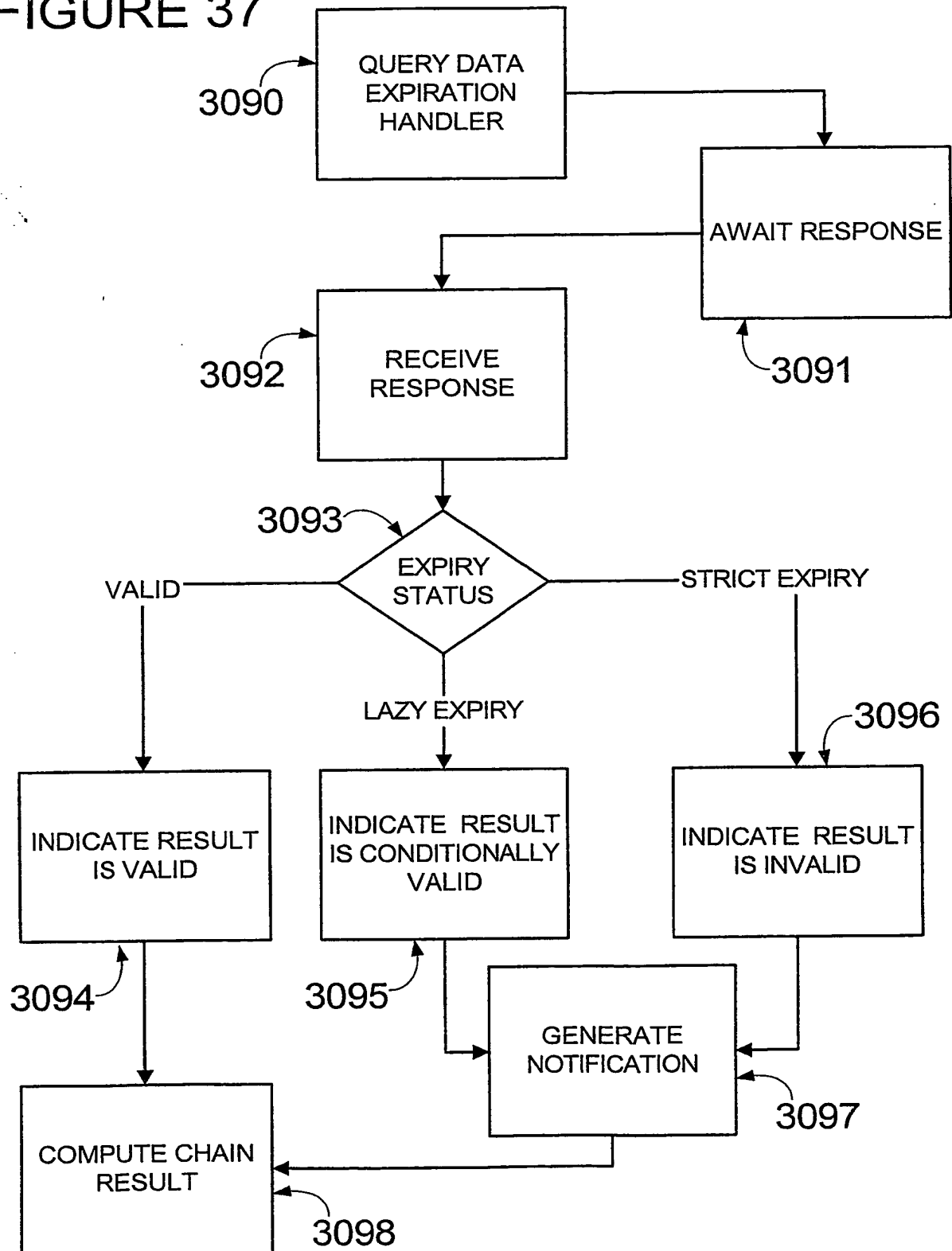
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FIGURE 36



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FIGURE 37



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FIGURE 38

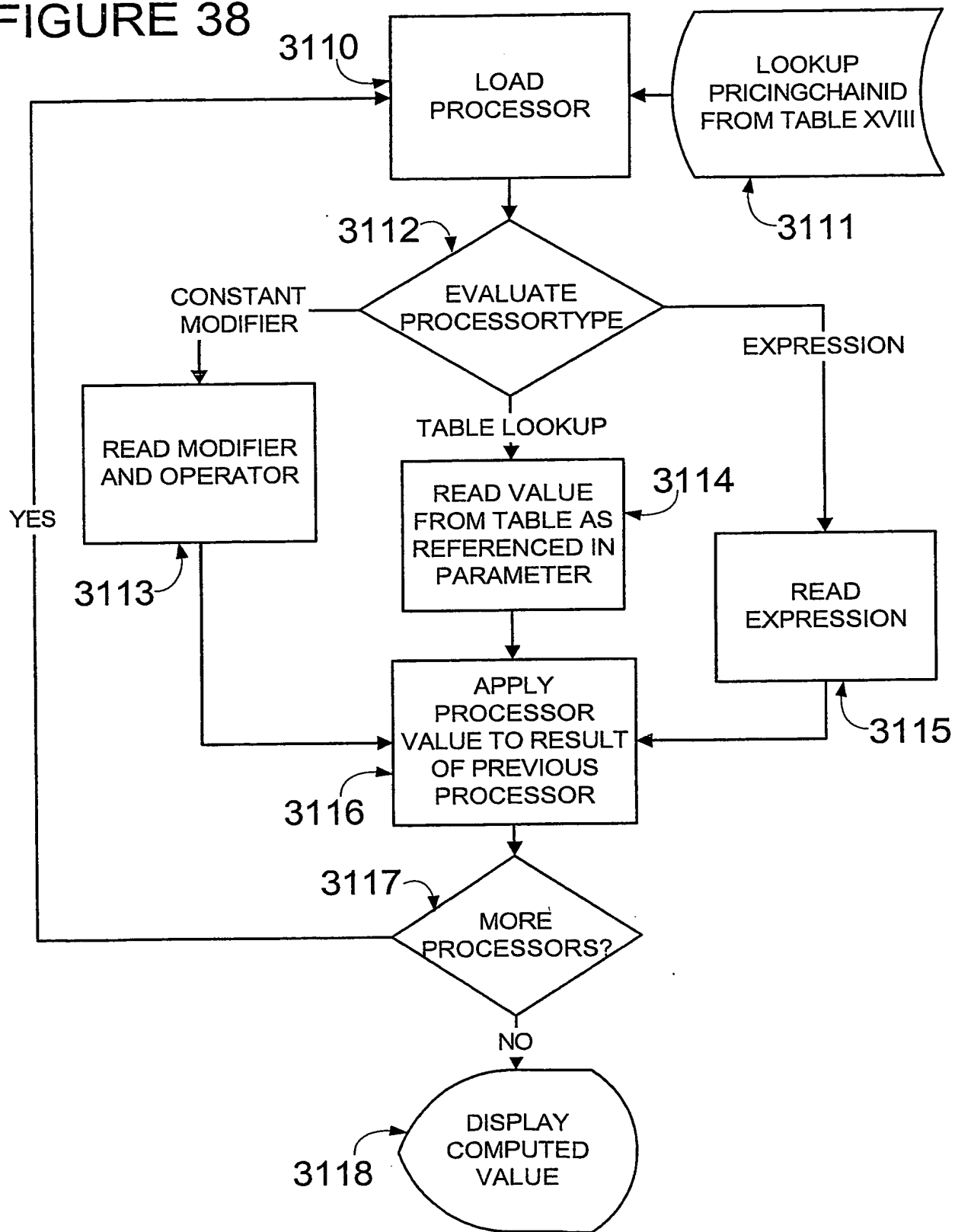
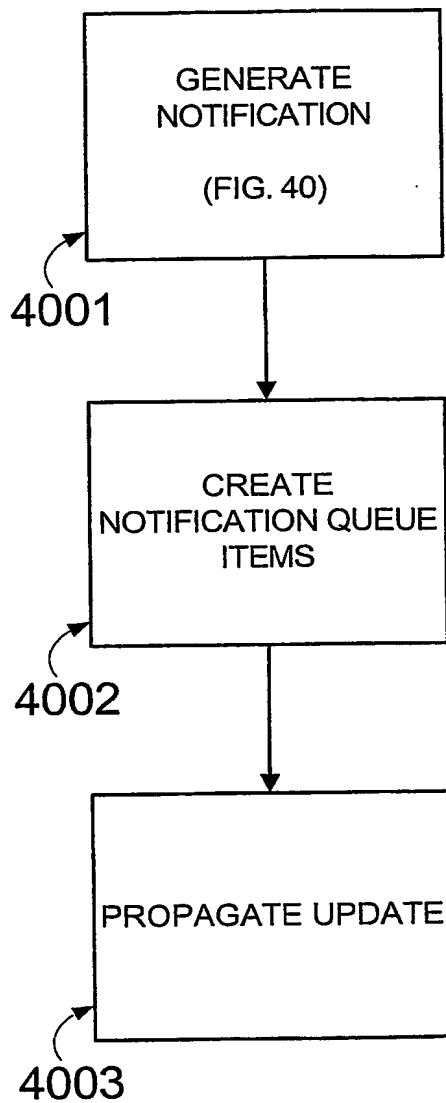


FIGURE 39

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FIGURE 40

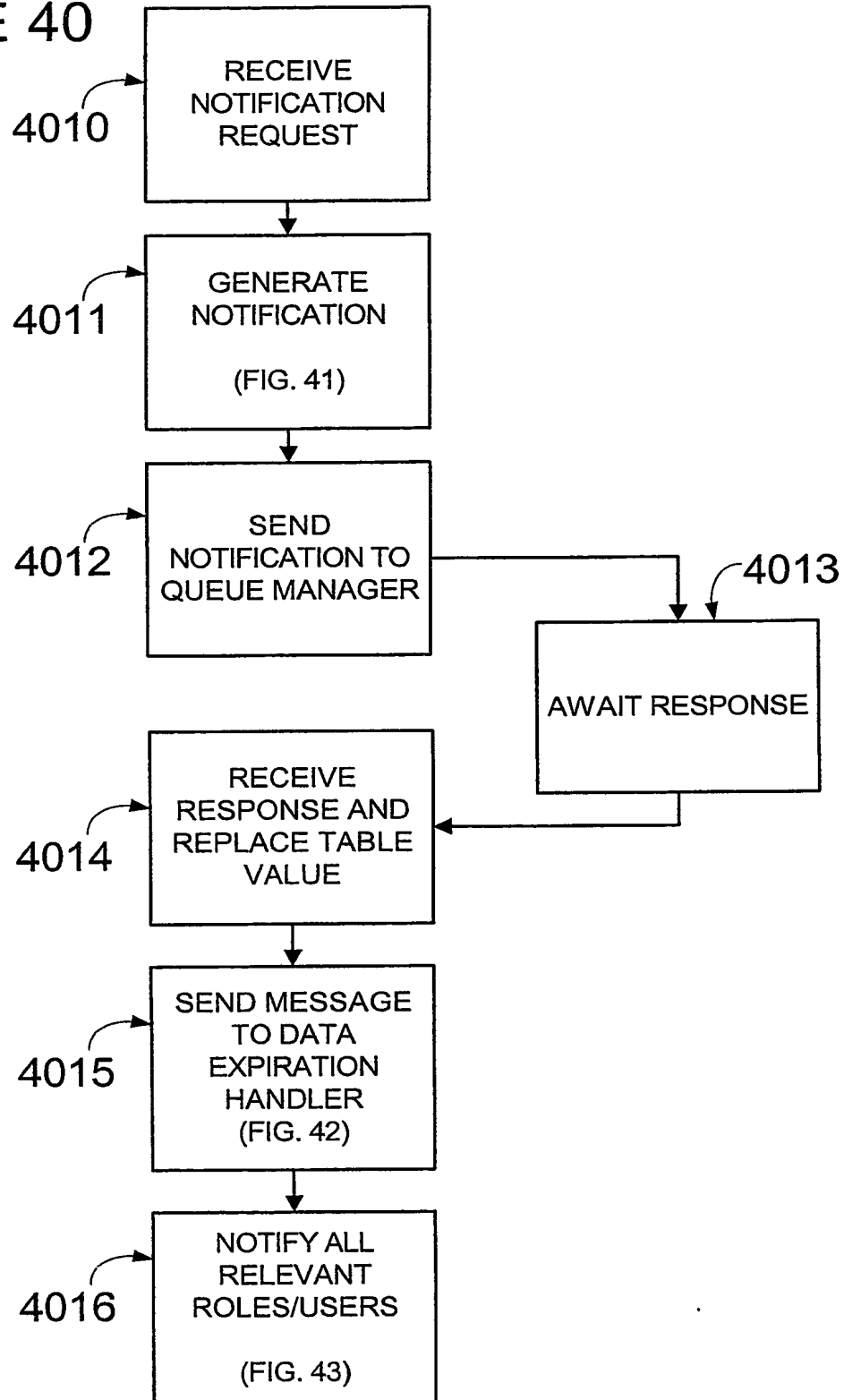


FIGURE 41

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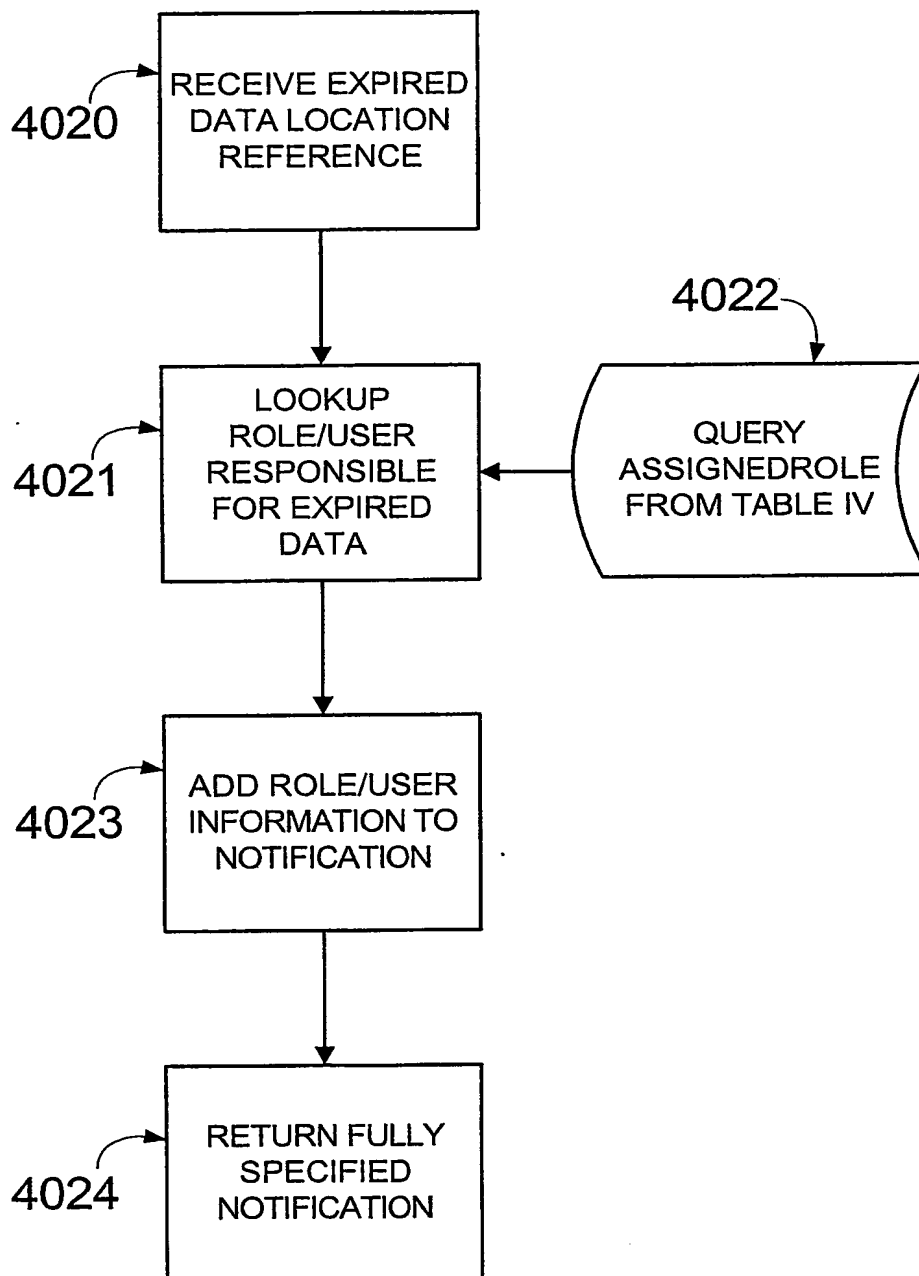


FIGURE 42

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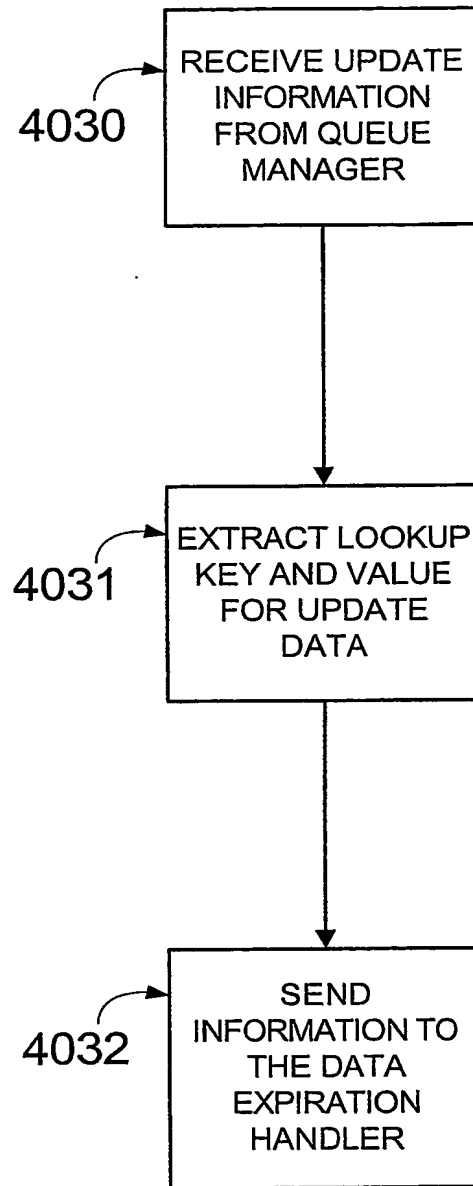


FIGURE 43

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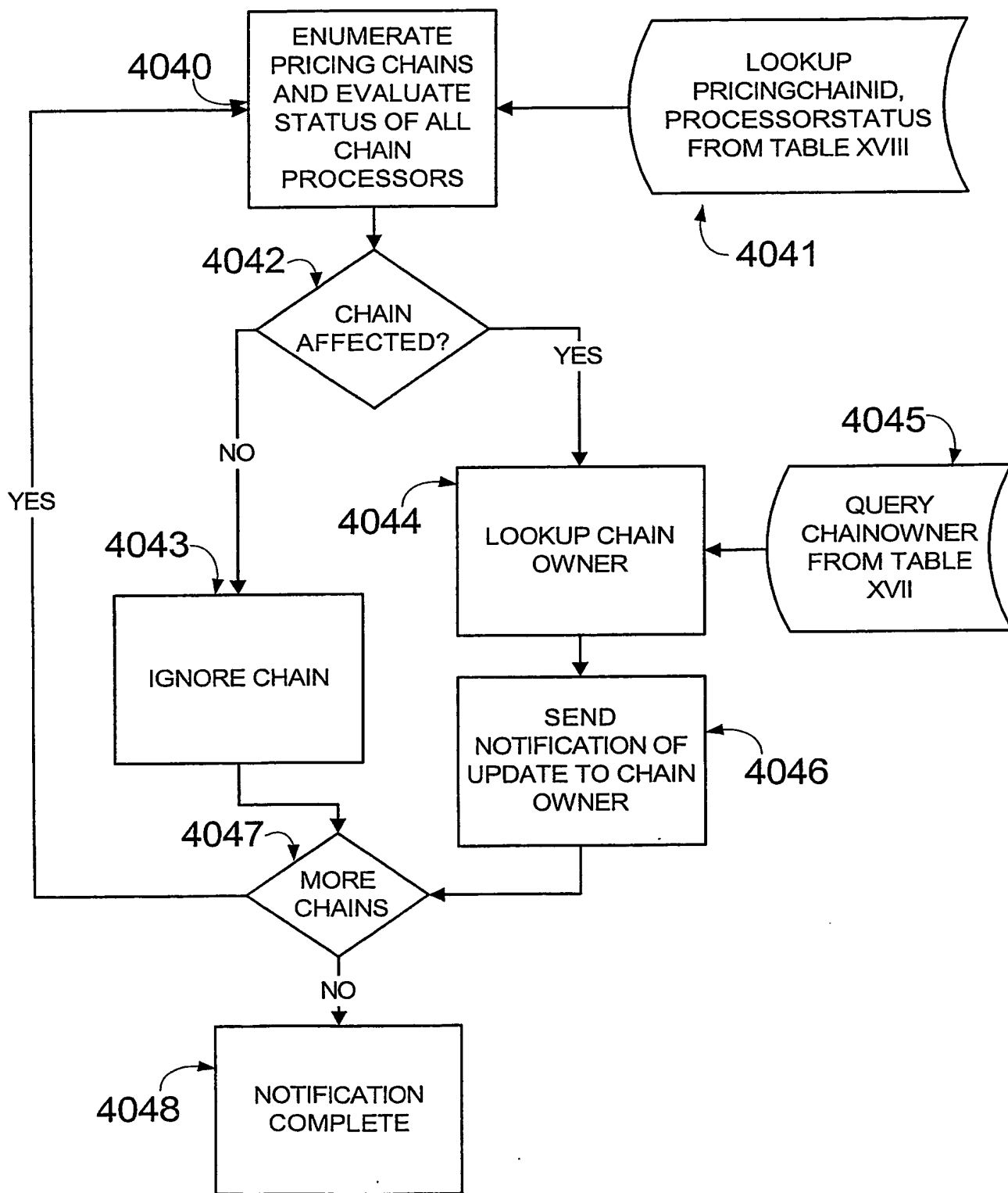
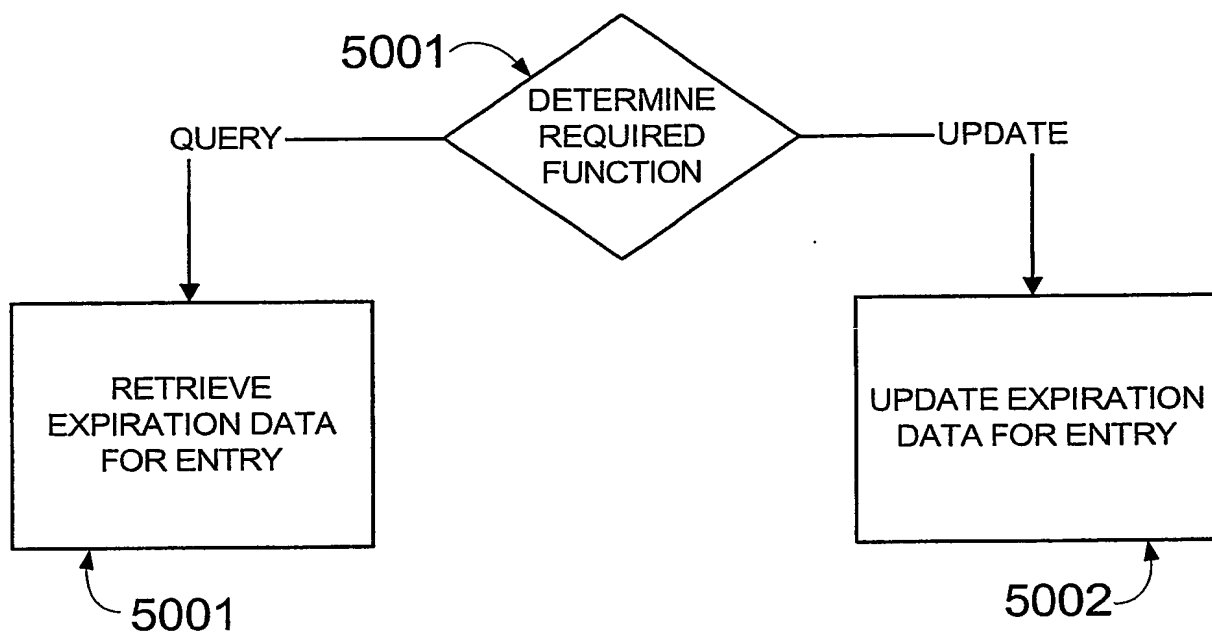


FIGURE 44

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FIGURE 45

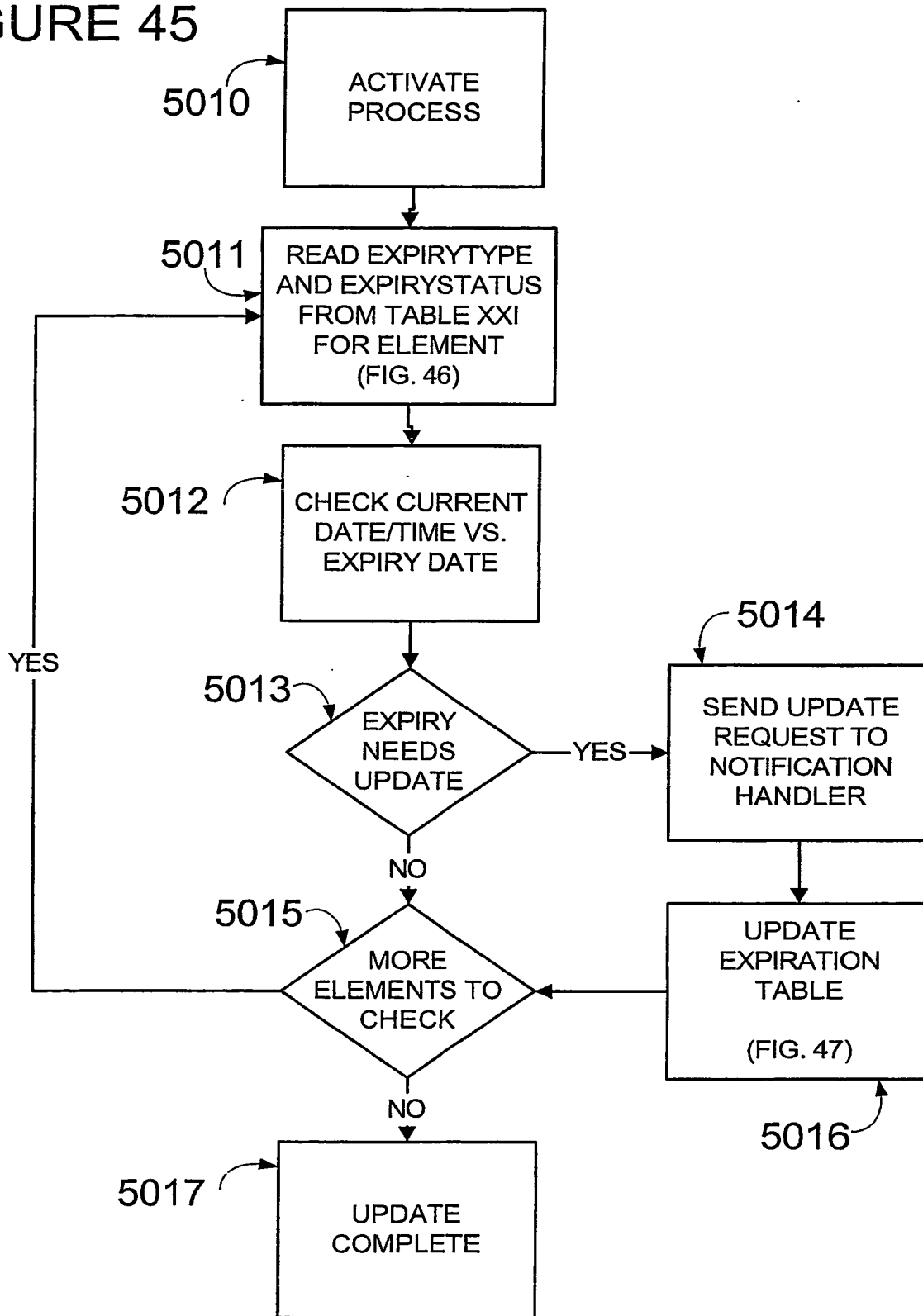


FIGURE 46

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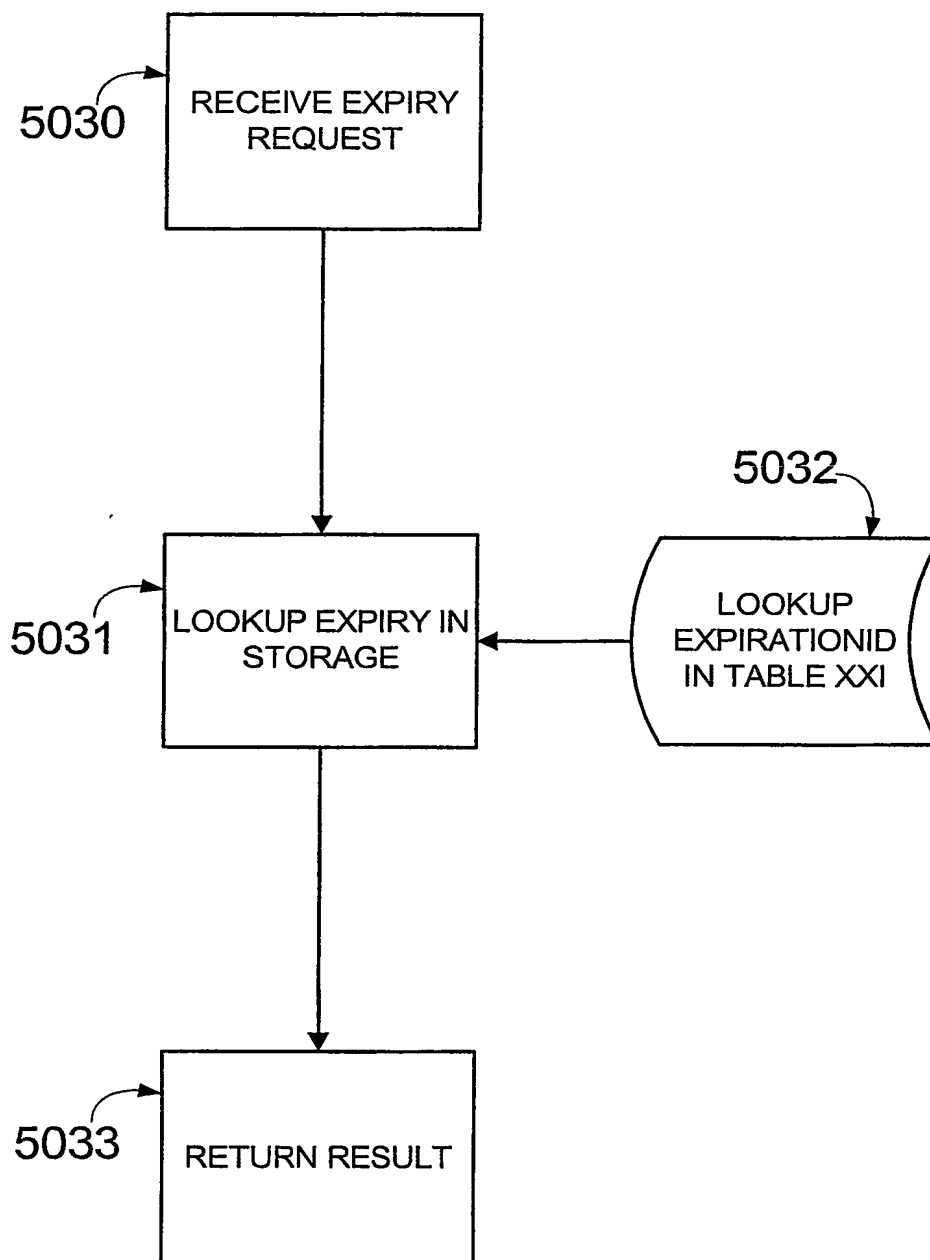


FIGURE 47

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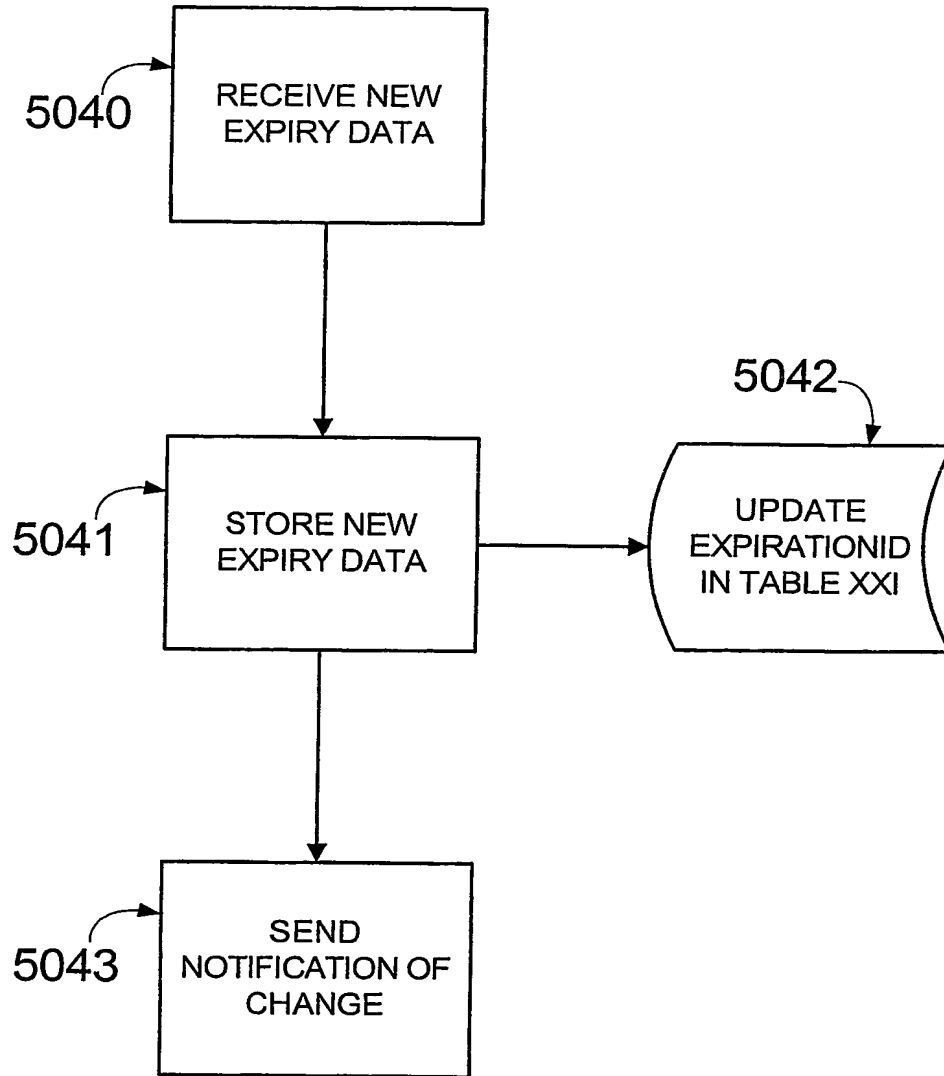


FIGURE 48

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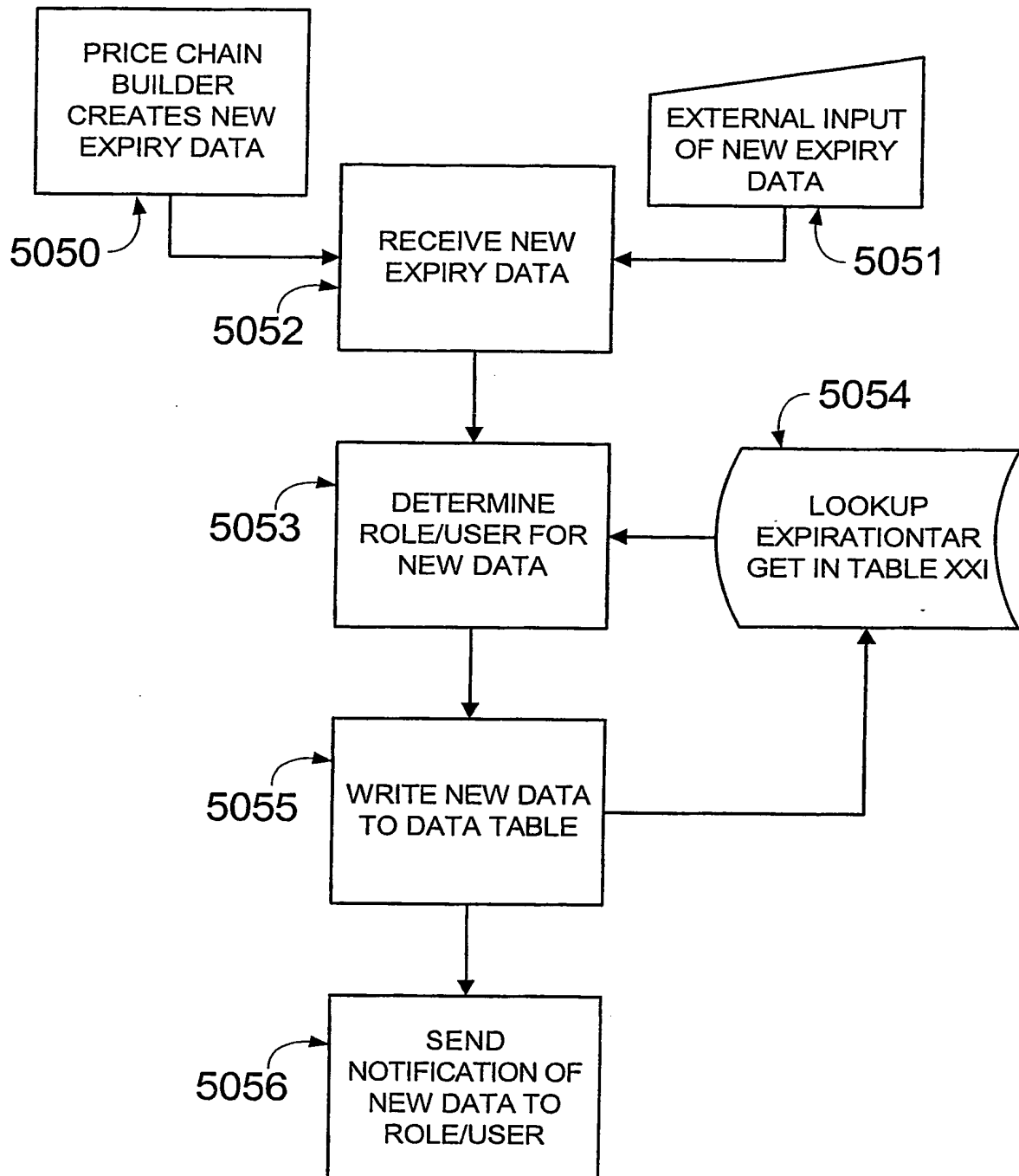


FIGURE 49

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	PRODUCT	QTY	TERMS	PRICE
<input type="radio"/>	MEXICAN HONEY	100 MT	FOB MEXICO	800/MT
<input type="radio"/>	CHINESE HONEY	25 MT	DDP LONDON	1250/MT
<input type="radio"/>	ARGENTINE HONEY	15 MT	CIF BOLONGA	1400/MT
<input type="radio"/>	ARGENTINE HONEY	200 MT	DDU LONDON	1000/MT

FIGURE 50

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PRODUCT: CHINESE BEANS				QUANTITY: 60MT	
BASE PRICE: USD 495 / MT		CIF	FELIXSTOWE		UPDATE
<input type="radio"/>	INSURANCE	0.005	×	495	2.475
<input type="radio"/>	INTEREST	0.00625	×	497.475	3.11
<input type="radio"/>	LEVY CHARGE	50	+	0	50
<input type="radio"/>	BANK CHARGES	0.00125	×	495	0.619
<input type="radio"/>	CUSTOMS DUTY	1.5	+	0	1.5
<input type="radio"/>	DELIVERY TO WAREHOUSE	15	+	0	15
<input checked="" type="radio"/>	R.H.&D.	2.5	+	0	2.5
<input type="radio"/>	COMMISSION	0.03	×	495	14.85
<input type="radio"/>	STORAGE	6	+	0	6
<input type="radio"/>	DELIVERY TO CUSTOMER	30	+	0	30
<input type="radio"/>	DOCUMENTATION CHARGES	0.13	×	495	64.35
FINAL PRICE					685.404
MOVE		UP		ADD	
		DOWN		DELETE	
				SAVE	
				DISCARD	

FIGURE 51

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PRODUCT: GLYCERINE		QUANTITY: 40MT			
BASE PRICE: USD 810 / MT		DDP	FELIXSTOWE	UPDATE	
<input type="radio"/>	INSURANCE	0.005	×	810	4.05
<input type="radio"/>	BANK CHARGES	0.00125	×	810	1.231
<input type="radio"/>	DELIVERY TO WAREHOUSE	15	+	0	15
<input type="radio"/>	R.H.&D.	2.5	+	0	2.5
<input type="radio"/>	COMMISSION	0.03	×	810	24.30
<input type="radio"/>	STORAGE	6	+	0	6
<input checked="" type="radio"/>	DELIVERY TO CUSTOMER	30	+	0	30
FINAL PRICE					893.081
MOVE	UP	ADD		DELETE	
	DOWN	SAVE		DISCARD	

FIGURE 52

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PRODUCT: GLYCERINE		QUANTITY: 70MT			
BASE PRICE: USD 790 / MT		FOB	TURKEY	UPDATE	
<input type="radio"/>	INSURANCE	0.005	×	790	3.95
<input type="radio"/>	INTEREST	0.00625	×	793.95	4.062
<input type="radio"/>	LEVY CHARGE	4	+	0	4
<input type="radio"/>	BANK CHARGES	0.00125	×	790	0.9875
<input type="radio"/>	CUSTOMS DUTY	1.5	+	0	1.5
<input type="radio"/>	SURFACE FREIGHT	100	+	0	100
<input checked="" type="radio"/>	DOCUMENTATION	2.5	+	0	2.5
<input type="radio"/>	COMMISSION	0.03	×	790	23.7
<input type="radio"/>	STORAGE	10	+	0	10
<input type="radio"/>	DELIVERY TO CUSTOMER	30	+	0	30
<input type="radio"/>	CERTIFICATION	0.13	×	790	102.7
FINAL PRICE					1073.40
MOVE	UP			ADD	DELETE
	DOWN			SAVE	DISCARD

FIGURE 53

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TRANSACTION ID: 0001		TRANSACTION TYPE: BUY		CURRENCY: USD	
PRODUCT: GLYCERINE			QUANTITY: 70MT		
BASE PRICE: USD 790 / MT		FOB		TURKEY	
COUNTERPARTY: ACME IMPORTS					
TRANSACTION STATUS: 1 - IN PROGRESS			PRICING CHAIN: 0 - NONE		
SHIPMENT:			STORAGE:		
PRICING CHAIN			RECOMMENDATION		
SAVE			DISCARD		

FIGURE 54

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QUEUE: PRICING ITEMS - SHIPPING CHARGES

	COUNTER PARTY	PRODUCT	PRICE	PRIORITY
<input type="radio"/>	ACME IMPORTS	GLYCERINE	793.95	1
<input type="radio"/>	WEI TRADING	CHIN. HONEY	510	4
<input type="radio"/>	ARNAZ SUPPLY	GLYCERINE	820	2
<input checked="" type="radio"/>	YUCATAN FARMS	MEX. HONEY	950	3
<input type="radio"/>	CELOG FOODS	MEX. HONEY	1200	2

OPEN

FIGURE 55

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QUEUE ITEM: SHIPPING CHARGES		PRIORITY: 3
COUNTER PARTY: YUCATAN FARMS		
PRODUCT: MEXICAN HONEY		QUANTITY: 100 MT
TERMS: FOB MEXICO	PRICE: USD 1000 / MT	
PROMPT:	TRADER NEEDS TO KNOW SHIPPING PRICE (PER MT) TO SHIP THIS QUANTITY FROM INCO SOURCE LOCATION TO WAREHOUSE IN LONDON	
INPUT VALUE:		10
SAVE		DISCARD

FIGURE 56

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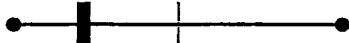




RECOMMENDATION WEIGHTS SETTING	
PARAMETER	WEIGHT
<input type="radio"/> PRICE	 - 70
<input type="radio"/> QUANTITY	 0
<input type="radio"/> AGE OF TRANSACTION	 - 10
<input checked="" type="radio"/> CUSTOMS FEE	 + 80
<input type="radio"/> COUNTERPARTY TURNOVER	 + 50
<div>RECOMMEND</div>	

FIGURE 57

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RECOMMENDATIONS

PREVIOUS

	COUNTER PARTY	PRODUCT	PRICE	SCORE
<input type="radio"/>	ACME IMPORTS	GLYCERINE	810	100
<input type="radio"/>	WEI TRADING	CHIN. HONEY	550	95
<input type="radio"/>	ARNAZ SUPPLY	GLYCERINE	870	75
<input type="radio"/>	YUCATAN FARMS	MEX. HONEY	970	30
<input type="radio"/>	CELOG FOODS	MEX. HONEY	1240	10

CURRENT

	COUNTER PARTY	PRODUCT	PRICE	SCORE
<input type="radio"/>	ARNAZ SUPPLY	GLYCERINE	875	100
<input checked="" type="radio"/>	WEI TRADING	GLYCERINE	450	90
<input type="radio"/>	ACME IMPORTS	CHIN. HONEY	850	75
<input type="radio"/>	GONZALEZ TRADING	MEX. HONEY	1005	50
<input type="radio"/>	YOO FOODS	CHIN. HONEY	800	10

MODIFY WEIGHTINGS

CREATE TRANSACTION

FIGURE 58

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QUEUE: SHIPPING

	QTY / PRODUCT	FROM	TO	PRIORITY
<input type="radio"/>	19 MT MEXICAN HONEY	MEXICO	LONDON	3
<input type="radio"/>	5 MT MEXICAN HONEY	MEXICO	LONDON	3
<input type="radio"/>	16 MT MEXICAN HONEY	MEXICO	LONDON	3
<input checked="" type="radio"/>	5 MT BLACK BEANS	BRAZIL	LONDON	1
<input type="radio"/>	12 MT CASHEW NUTS	VIETNAM	PARIS	4
<input type="radio"/>	22 MT PINTO BEANS	BRAZIL	LIVERPOOL	1
<input type="radio"/>	8 MT CASHEW NUTS	VIETNAM	LONDON	4

OPEN

FIGURE 59

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QUEUE: SHIPPING				
	QTY / PRODUCT	FROM	TO	PRIORITY
<input type="radio"/>	40 MT MEXICAN HONEY	MEXICO	LONDON	3
<input checked="" type="radio"/>	5 MT BLACK BEANS	BRAZIL	LONDON	1
<input type="radio"/>	12 MT CASHEW NUTS	VIETNAM	PARIS	4
<input type="radio"/>	22 MT PINTO BEANS	BRAZIL	LIVERPOOL	1
<input type="radio"/>	8 MT CASHEW NUTS	VIETNAM	LONDON	4

OPEN

FIGURE 60

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QUEUE: SHIPPING

	QTY / PRODUCT	FROM	TO	PRIORITY
<input type="radio"/>	40 MT MEXICAN HONEY	MEXICO	LONDON	3
<input checked="" type="radio"/>	5 MT BLACK BEANS	BRAZIL	LONDON	1
<input type="radio"/>	12 MT CASHEW NUTS	VIETNAM	PARIS	4
<input type="radio"/>	22 MT PINTO BEANS	BRAZIL	LONDON	1
<input type="radio"/>	8 MT CASHEW NUTS	VIETNAM	LONDON	4

OPEN

FIGURE 61

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QUEUE: SHIPPING

	QTY / PRODUCT	FROM	TO	PRIORITY
<input type="radio"/>	40 MT MEXICAN HONEY	MEXICO	LONDON	3
<input checked="" type="radio"/>	5 MT BLACK BEANS + 22 MT PINTO BEANS	BRAZIL	LONDON	1
<input type="radio"/>	12 MT CASHEW NUTS	VIETNAM	PARIS	4
<input type="radio"/>	8 MT CASHEW NUTS	VIETNAM	PARIS	4

OPEN

FIGURE 62

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USER ID: 0001	
USER NAME: JOHN DOE	ROLE: TRADER
NOTIFICATION TYPE: EMAIL	VALUE: JOHN@DOE.COM
NOTIFICATION TYPE: PHONE	VALUE: +1 (212) 555-1212
NOTIFICATION TYPE: FAX	VALUE: +1 (212) 555-2121
NOTIFICATION TYPE: SMS	VALUE: +1 (212) 222-5555
<div>NEW</div> <div>UPDATE</div> <div>DELETE</div>	

FIGURE 63 (PRIOR ART)

TABLE: PRODUCTS	
RECORD #: 1 / 12	
FIELD	VALUE
PRODID	1
PRODNAME	MEXICAN HONEY
PRODDescription	HONEY FROM MEXICO
PRODMARKETPRICE	VALUE: +1 (212) 222-5555
<div>NEW</div> <div>UPDATE</div> <div>DELETE</div>	

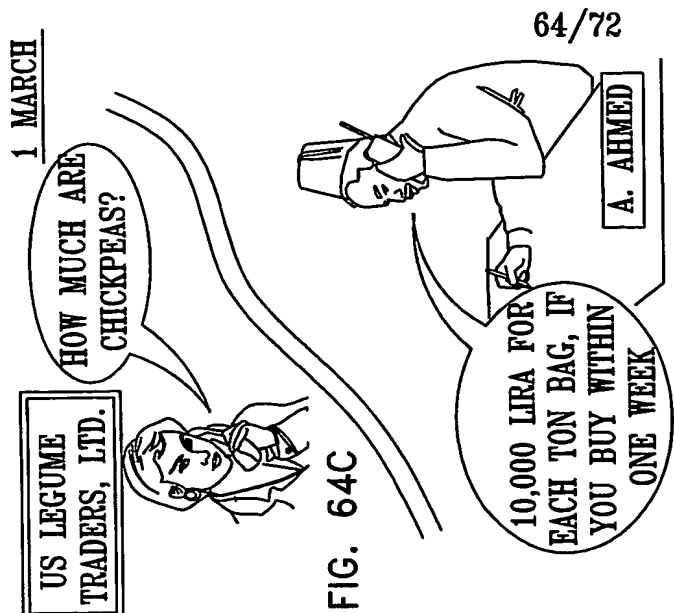
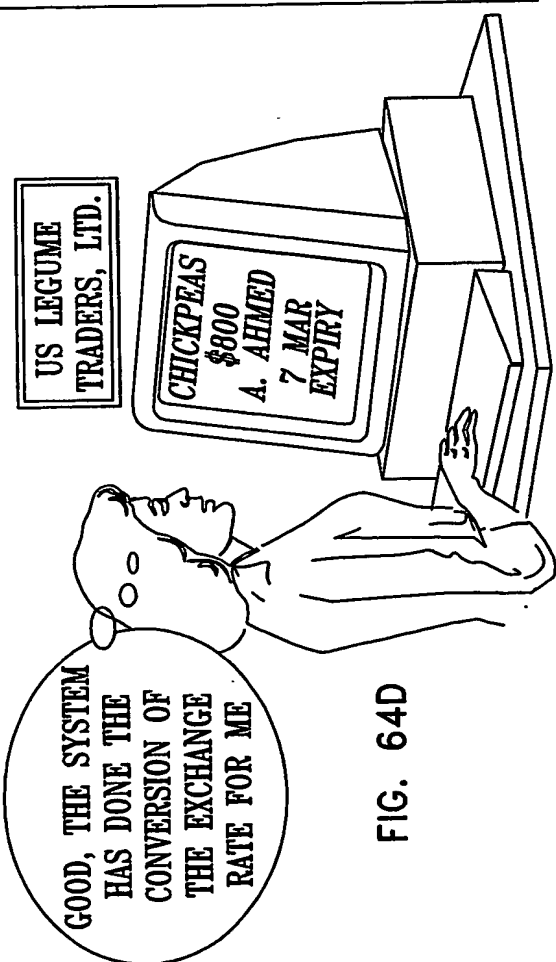
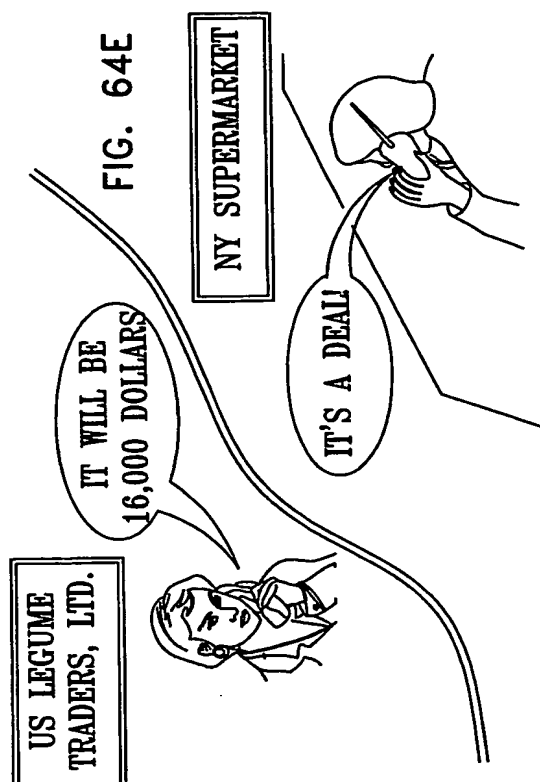
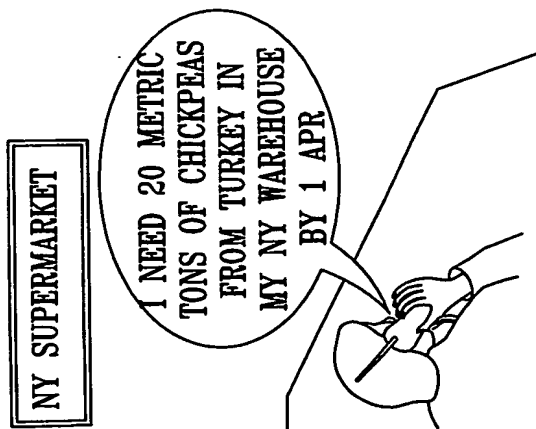


FIG. 64B

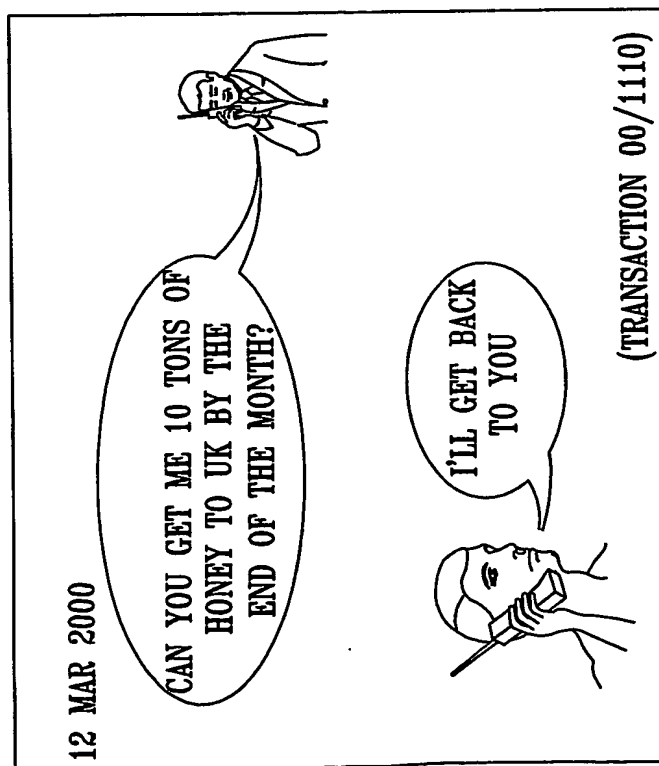
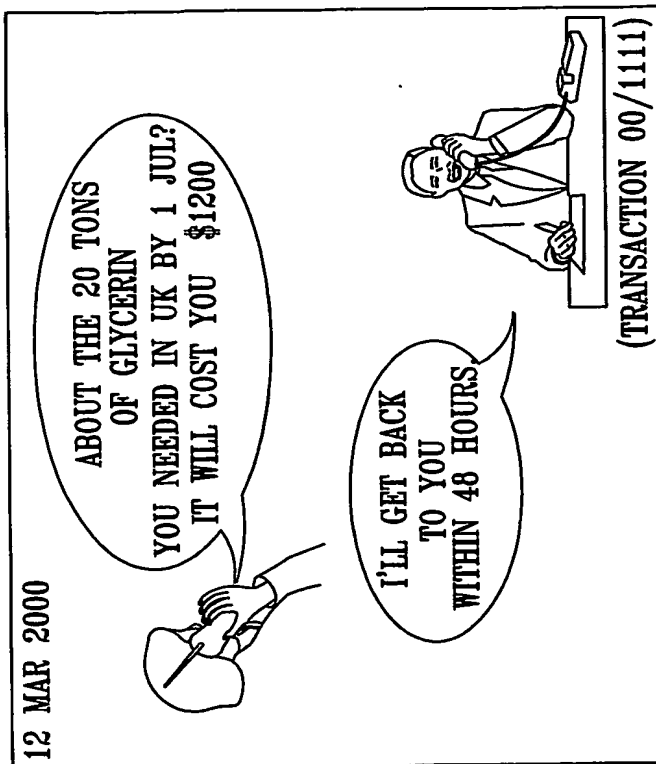
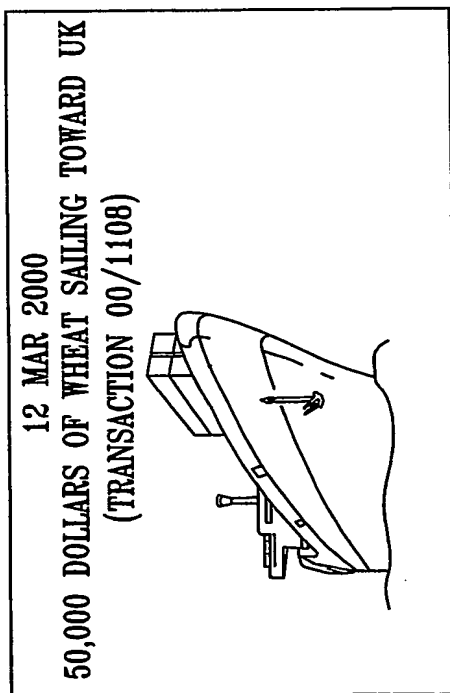
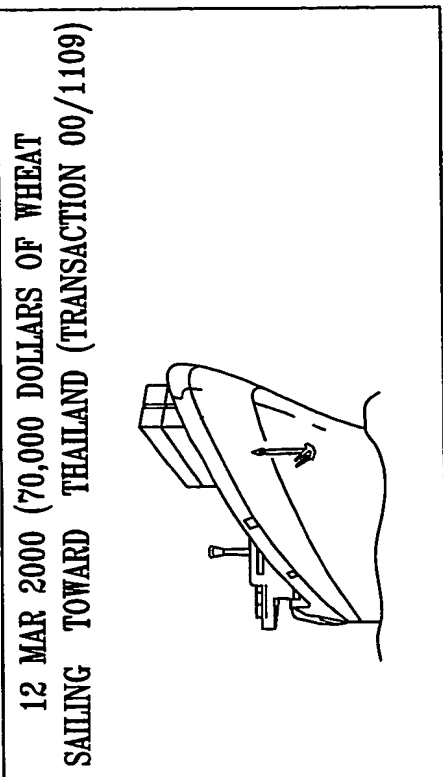


FIG. 64A



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FIG. 65A



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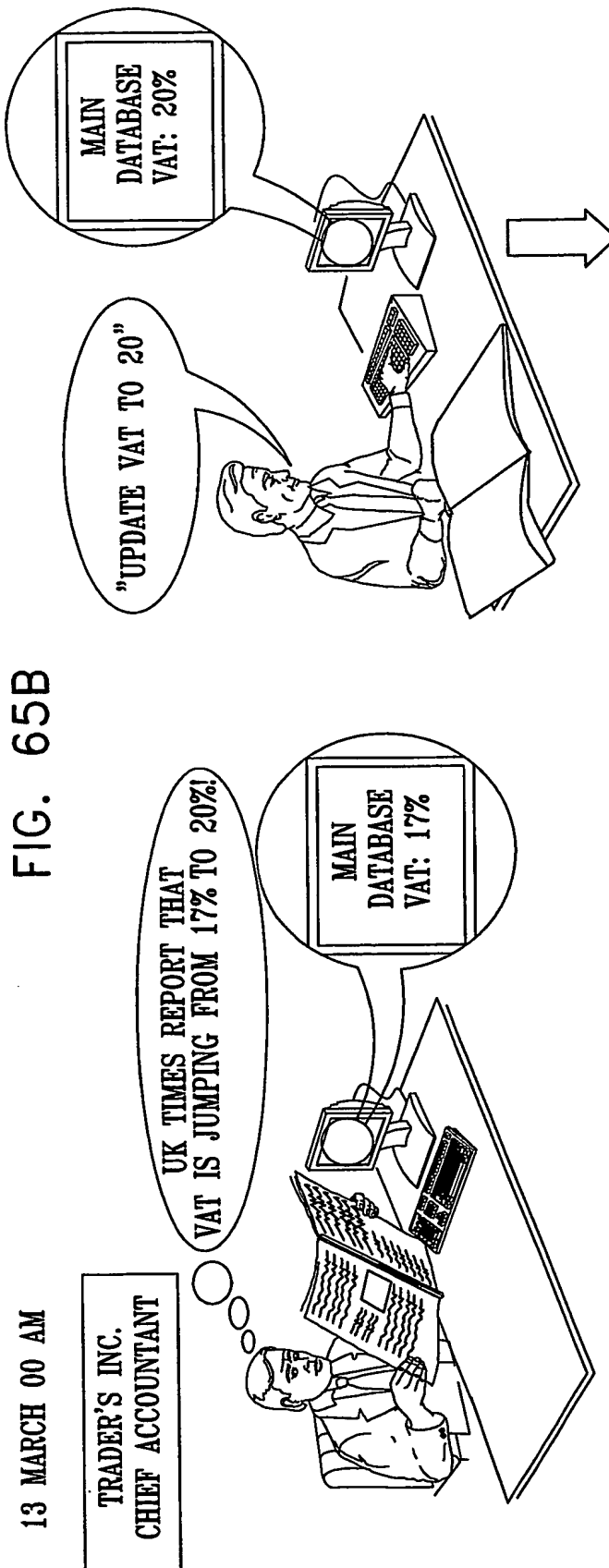


FIG. 65B

SYSTEM UPDATES VAT FIELD IN MAIN DATABASE FROM 17 PERCENT TO 20 PERCENT. UPDATES VAT FIELD FROM 17 PERCENT TO 20 PERCENT FOR TRANSACTIONS IN OFFER PREPHASE E.G.

TRANSACTION NO. 00/1110. FLAGS

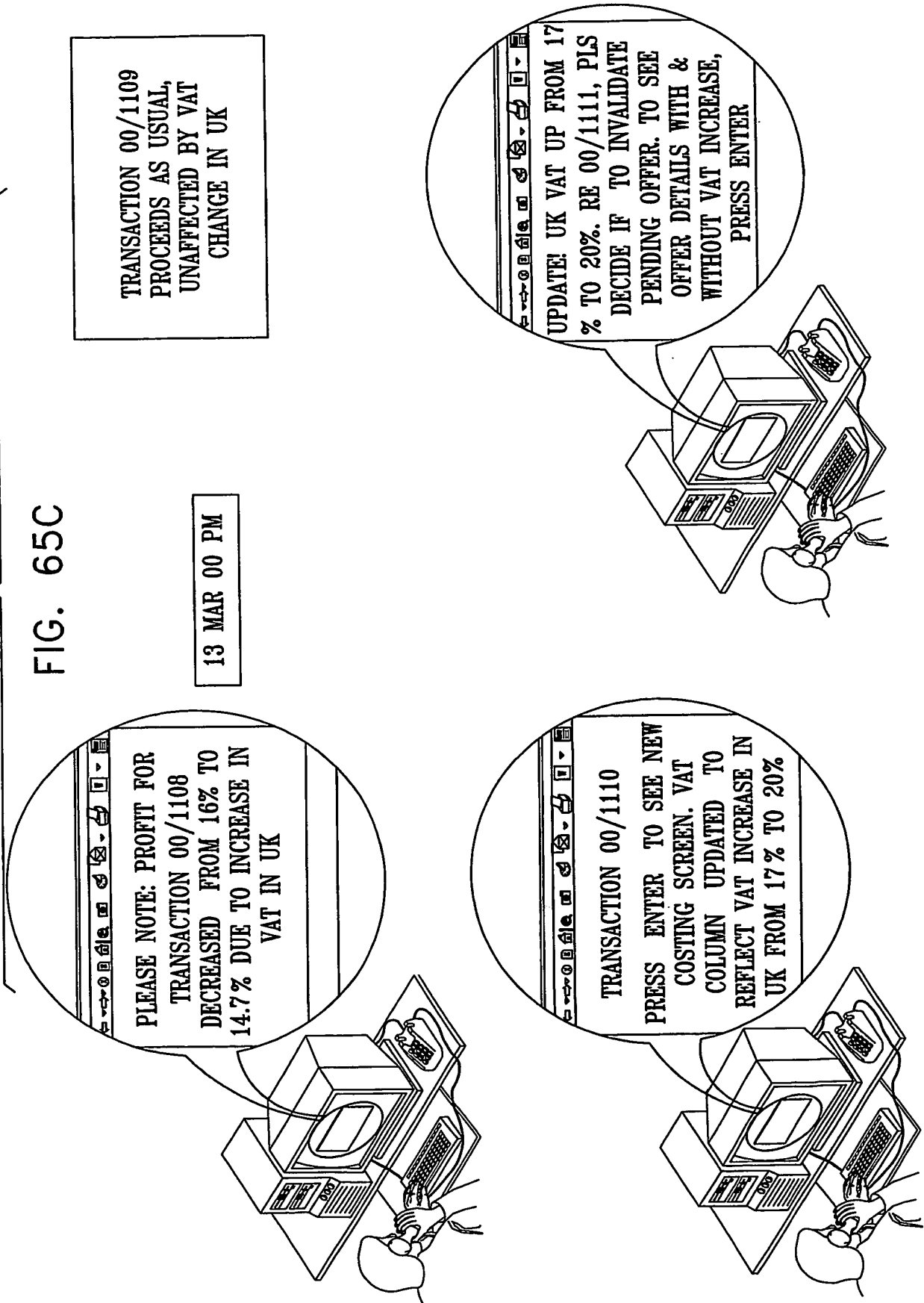
TRANSACTIONS IN "AWAITING FINALIZATION"

STATUS E.G. TRANSACTION NO. 00/1111 AND PROMPTS FOR TRADER DECISION. FOR FINALIZED

PENDING TRANSACTIONS E.G. TRANSACTION 00/1108, DECREASES PROFIT. FOR FINALIZED COMPLETED TRANSACTIONS, DOES NOTHING.

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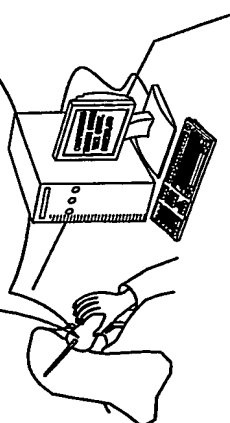
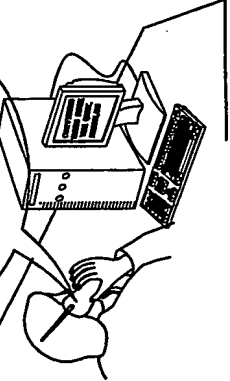
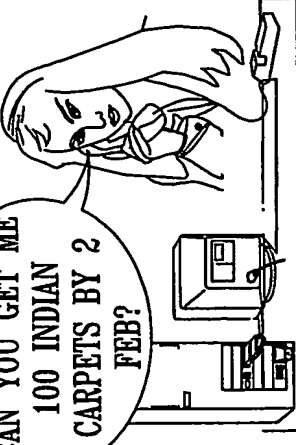


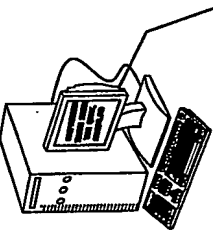
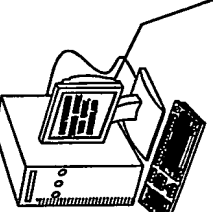
FIG. 65C



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FIG. 66

TRADER'S INC.

<p>TRADER ANN US</p> <p>10:00</p> <p>I NEED 50 TONS OF MEXICAN HONEY BY 1 FEB</p> 	<p>TRADER BILL US</p> <p>10:15</p> <p>GET ME 30 TONS OF PERUVIAN HONEY BY 1 MAR</p> 	<p>TRADER CARRIE US</p> <p>10:05</p> <p>CAN YOU GET ME 100 INDIAN CARPETS BY 2 FEB?</p> 
<p>TRADER DAVE UK</p> <p>09:30</p> <p>I NEED 10 TONS OF PERUVIAN PEPPER BY 10 FEB -- OK?</p> 		<p>SHIPPING AND HANDLING DEPT.</p> <p>COMPUTERIZED TRADING SYSTEM WITH QUERY, SORTING, AND AMALGAMATION FUNCTIONALITIES</p> 
<p>LOGISTICS DEPT.</p> 	<p>FINANCIAL DEPT.</p> 	

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FIG. 67A

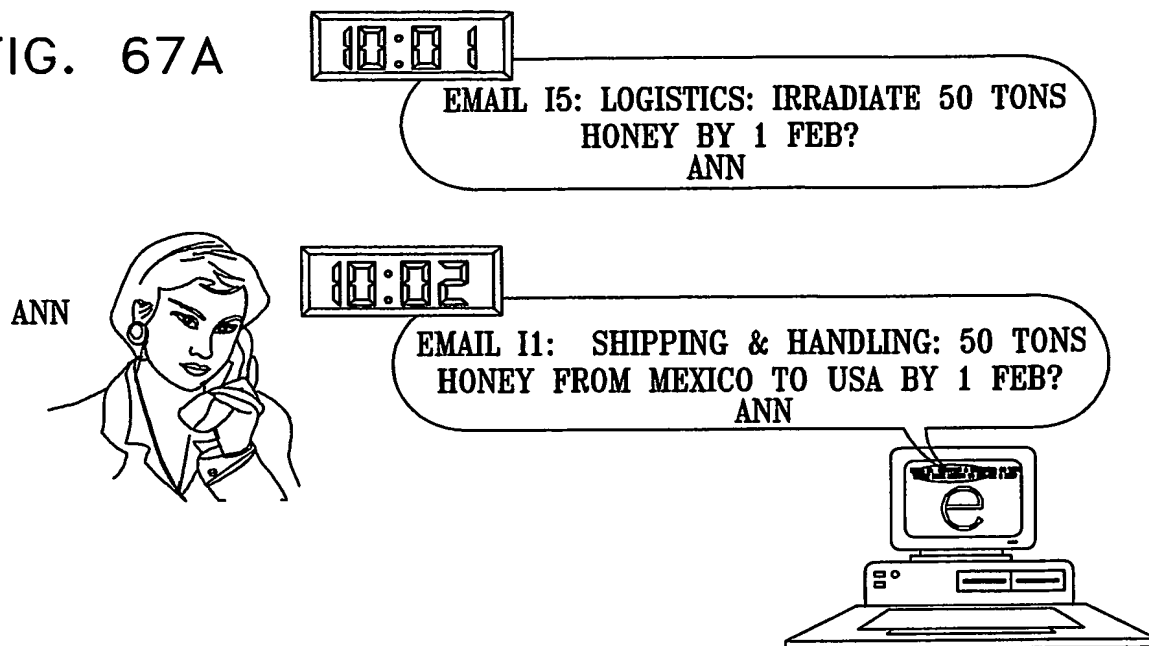
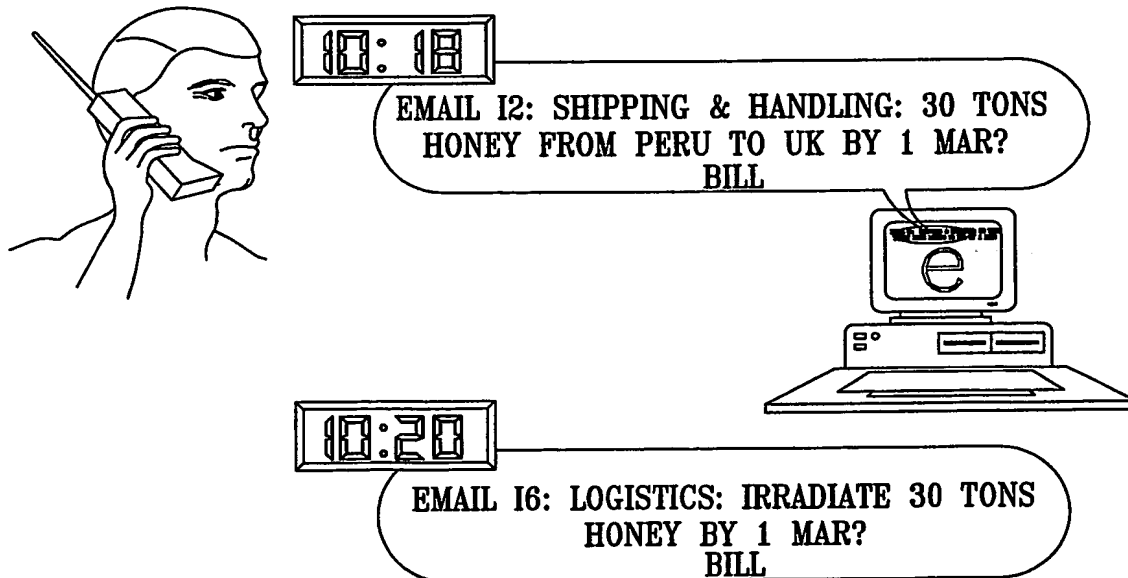


FIG. 67B

BILL



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FIG. 67C

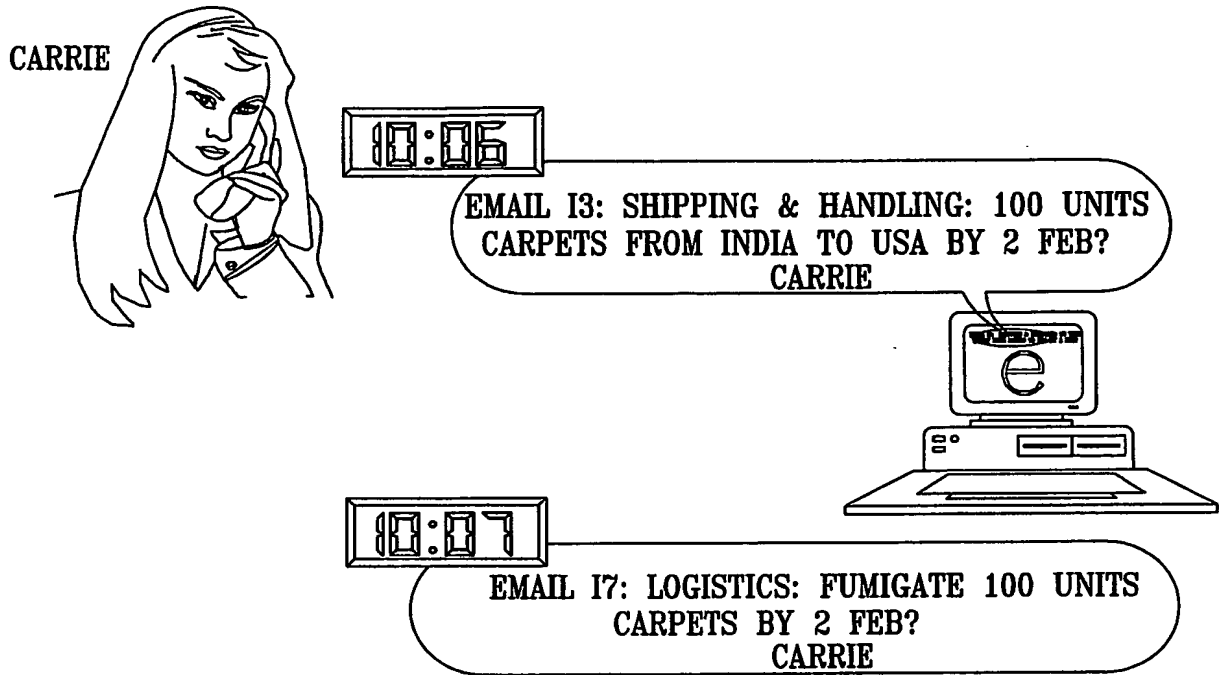
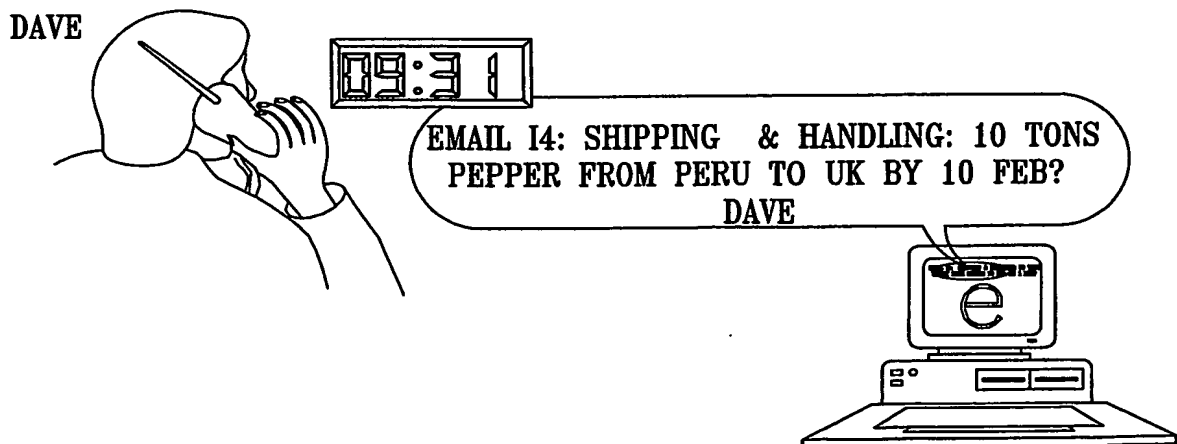


FIG. 67D



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FIG. 68A

QUEUE FOR LOGISTICS DEPT.








	EMAIL I5: LOGISTICS: IRRADIATE 50 TONS HONEY BY 1 FEB? ANN
	EMAIL I7: LOGISTICS: FUMIGATE 100 UNITS CARPETS BY 2 FEB? CARRIE
	EMAIL I6: LOGISTICS: IRRADIATE 30 TONS HONEY BY 1 MAR? BILL

FIG. 68B

QUEUE FOR SHIPPING & HANDLING DEPT.

	EMAIL I4: SHIPPING & HANDLING: 10 TONS PEPPER FROM PERU TO UK BY 10 FEB? DAVE
	EMAIL I1: SHIPPING & HANDLING: 50 TONS HONEY FROM MEXICO TO USA BY 1 FEB? ANN
	EMAIL I3: SHIPPING & HANDLING: 100 UNITS CARPETS FROM INDIA TO USA BY 2 FEB? CARRIE
	EMAIL I2: SHIPPING & HANDLING: 30 TONS HONEY FROM PERU TO UK BY 1 MAR? BILL

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FIG. 69A
RESORTED AMALGAMATED QUEUE FOR
LOGISTICS DEPT.




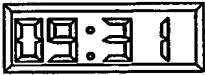


	EMAIL I5: LOGISTICS: IRRADIATE 50 TONS HONEY BY 1 FEB? ANN
	EMAIL I6: LOGISTICS: IRRADIATE 30 TONS HONEY BY 1 MAR? BILL
	EMAIL I7: LOGISTICS: FUMIGATE 100 UNITS CARPETS BY 2 FEB? CARRIE

FIG. 69B
RESORTED AMALGAMATED QUEUE FOR
SHIPPING & HANDLING DEPT.

	AMALGAMATED EMAIL I4, I2 : SHIPPING & HANDLING:40 TONS PEPPER FROM PERU TO UK BY 10 FEB? DAVE, BILL
	EMAIL I1: SHIPPING & HANDLING: 50 TONS HONEY FROM MEXICO TO USA BY 1 FEB? ANN
	EMAIL I3: SHIPPING & HANDLING: 100 UNITS CARPETS FROM INDIA TO USA BY 2 FEB? CARRIE